AD-A128 107 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 OCT 82 1/5

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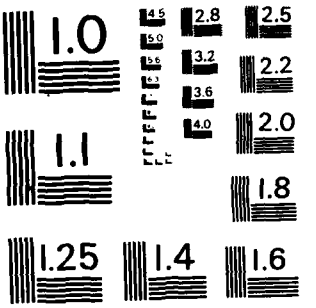

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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TORREJON AB SP MSC #082270
N 40 29 W 003 27 FLD ELEV 1994 FT LETO

25 OCT 1982

PARTS A-F
FOR FROM HOURLY OBS: JAN 73 - DEC 81

FOR FROM DAILY OBS: OCT 57 - DEC 81

TIME CONVERSION GMT TO LST: +1

OCT 18 1982

FEDERAL BUILDING
ASHEVILLE, N. C.

859-4820 b

REVIEW AND APPROVAL STATEMENT

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This technical report has been reviewed and is approved for publication.

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ADE 850 356

REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: USAFETAC/DS- 82/056
2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- TORREJON AB, SP
5. TYPE OF REPORT & PERIOD COVERED: Final rept.
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18. SUPPLEMENTARY NOTES
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for TORREJON AB, SP
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

SP 082270

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
- ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
- SNOWFALL
- SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
- SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP
- EXTREME MAX & MIN TEMP
- PSYCHROMETRIC DRY VS WET BULB
- MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)
- RELATIVE HUMIDITY

PART F STATION PRESSURE
- SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV FT	CALL SIGN	WMO NUMBER
082270	TORREJON AB SPAIN/MADRID	N 40 29	W 003 27	1994	LETO	08227

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Torrejon AB Spain	AB	Oct 57	Mar 62	N 40 30	W 003 28	2001	2056	24
2	Same	AB	Mar 62	Dec 70	N 40 29	W 003 27	2004	2000	24
3	Same	Same	Jan 71	Feb 78	Same	Same	1994	Same	24
4	Same	Same	Mar 78	Aug 82	Same	Same	Same	Same	Same

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Oct 57	Located on top of control tower.	AN/GMQ-11	RO-2	N/A	
2	Jun 58	Located at approach zone rnwy 23, 500 ft W of rnwy.	Same	Same	13 ft	
3	Mar 59	Located 500 ft from centerline, 1000 ft in from end of rnwy 23/05.	Same	Same	Same	
4	Mar 60	Located 500 ft from centerline, 1500 ft from end of rnwy 23.	Same	Same	11 ft	
5	Jun 61	Located N of Base Operations across the rnwy complex.	Same	Same	13 ft	
6	Mar 62	Located 715 ft from centerline, 1810 ft from approach end ILS rnwy.	Same	Same	Same	
7	Mar 65	Located 1775 ft SW and 695 ft NW of end of rnwy 23.	T420/ GMQ-11	RO-2	13 ft	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Oct 70	Located 600 ft NW of centerline, 2700 ft from end of rnwy 23.	GMQ-20	Same	Same	
9	Feb 78	Same	Same	Same	Same	
10	Aug 82	Same	Same	Same	Same	

MAC-5 AFB, Ill 60-8075

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

27 [illegible] AB SP — STATION NAME — 73-81 — YEARS — JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	2-5		7.9		.4		8.3	12.3	6.5			1[illegible]	[illegible]36
	5-8		7.7		1.1		8.7	13.5	6.2			1[illegible].7	[illegible]36
	8-11		6.8		1.3		7.4	16.7	6.1			22.[illegible]	[illegible]37
	11-14		5.7		.6		6.3	2[illegible]	7.3			27.2	[illegible]37
	14-17		5.3		.7		6.0	13.5	8.[illegible]			21.[illegible]	[illegible]37
	17-20		5.[illegible]		.6		6.6	8.1	5.[illegible]			17.1	[illegible]37
	20-23		5.5		.7		9.[illegible]	7.4	6.[illegible]			15.[illegible]	[illegible]37
	23-2		7.8		.6		8.2	9.8	7.2			17.[illegible]	[illegible]37
TOTALS			6.9		.5		7.6	12.7	6.8			19.[illegible]	6694

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[illegible] TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] TUPELO, MISS AFS — STATION NAME — 73-81 — YEARS — [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	[illegible]	TOTAL [illegible]
[illegible]	0-02	.1	5.7				5.7	5.5	1.5			[illegible]	[illegible]
	3-05		[illegible].1				1[illegible].1	5.4	1.3			[illegible]	[illegible]
	6-[illegible]		[illegible]		.1		1[illegible].1	11.5	1.4			[illegible]	[illegible]
	9-11		1[illegible].9		.2		1[illegible].9	15.4	5.4			[illegible]	[illegible]
	12-14		5.5		.7		6.3	8.4	4.7			17.[illegible]	[illegible]
	[illegible]-17		[illegible]		.3	.1	6.3	2.4	3.1			[illegible]	[illegible]
	[illegible]-20		7.2		.1		7.[illegible]	2.2	2.1			[illegible]	[illegible]
	21-23	.1	7.7				7.7	3.3	1.3			[illegible]	[illegible]
TOTALS		.0	5.9		.1	.	9.[illegible]	7.2	2.0			[illegible]	[illegible]

USAFETAC [illegible] 0 10 5 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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[illegible]TAC
[illegible]EATHER SERVIC[illegible]/MAC

WEATHER CONDITIONS

[illegible] TORREJON AB SP — STATION NAME
73-81 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HOURS [illegible]	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
0-[illegible]2		7.9				7.9	1.[illegible]				1.[illegible]	[illegible]37
3-[illegible]		6.9		.1		7.1	2.5	.4			2.9	836
6-[illegible]		6.9		.1		7.0	7.6	3.0			1[illegible].6	837
[illegible]-11		4.4				4.4	9.9	8.0			17.9	837
1[illegible]-14	.2	4.6			.1	4.9	2.9	3.[illegible]			5.9	837
15-1[illegible]	.8	5.3				5.3	.5	1.[illegible]			1.4	837
[illegible]-2[illegible]	1.0	7.9		.0		8.1	.4	.1			.5	837
21-23		7.4				7.4	.1	.6			.7	837
TOTALS	.3	6.4		.1	.1	6.5	3.1	2.[illegible]			5.1	6695

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[illegible]TAC
[illegible]EATHER SERVIC[illegible]/MAC

WEATHER CONDITIONS

[illegible] 2[illegible] [illegible]TORREJON AB SP 73-81 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OF SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
[illegible]	0-[illegible]2		8.9				8.9	.7	.3			.7	757
	[illegible]-[illegible]	.1	7.8				7.8	1.8	1.2			7.[illegible]	728
	6-[illegible]		8.4				8.4	5.6	5.5			11.2	797
	[illegible]-11		6.5				6.5	5.4	5.4			10.9	810
	12-14	.4	7.2				7.2	.9	1.4			2.2	810
	[illegible]-17	1.5	6.9			.[illegible]	9.1						810
	[illegible]-21	1.2	8.5		.1		9.6	.1	.1			.2	810
	1-23	.4	10.0				10.0	.1	.2			.4	810
TOTALS		.5	.2		.[illegible]	.[illegible]	8.2	1.8	1.8			7.6	6732

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WEATHER CONDITIONS

C 270 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	.2	4.5				4.5		.4			.4	836
	03-05	.6	3.9				3.9	.4	.5			.8	837
	06-08	.1	4.1				4.1	5.6	4.3			9.9	837
	9-11	.1	6.0				6.0	3.3	5.3			8.6	837
	12-14	.5	6.9				6.9	.7	.6			1.3	837
	15-17	2.3	6.1				6.1	.2	.1			.4	837
	18-20	1.1	6.0				6.0						837
	21-23	.4	6.5				6.5		.5			.5	836
TOTALS		.7	5.5				5.5	1.3	1.5			2.7	6694

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WEATHER CONDITIONS

G 27 TORREJON AB SP — STATION / STATION NAME
73-81 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	0-2	1.2	3.1				3.1	.1				.1	810
	03-05	.7	2.3				2.3	.6	.1			.7	810
	6-08	.4	2.6				2.6	3.6	2.6			6.2	810
	9-11	.2	2.5				2.5	2.3	2.0			4.3	810
	12-14	1.0	3.5				3.5	.5	.1			.9	810
	15-17	4.3	5.6				5.6						810
	18-20	4.7	4.9			.1	5.1		.1			.1	810
	21-23	2.8	3.8				3.8				.1	.1	810
TOTALS		1.9	3.5			.0	3.6	.9	.6		.0	1.5	6480

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WEATHER CONDITIONS

7 27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0-03	1.5	1.8				1.5	.1				.1	837
	03-06	1.2	1.0				1.0						837
	06-08	.5	.7				.7	.2	.5			1.1	837
	09-11	.8	.6			.1	.7		.6			.5	837
	12-14	.5	.7				.7						837
	15-17	.7	1.0				1.0				.1	.1	837
	18-20	1.4	1.9				1.9						837
	21-23	2.5	2.5				2.5						837
TOTALS		1.1	1.3			.0	1.3	.0	.2		.0	.2	6696

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WEATHER CONDITIONS

C 27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.6	1.3				1.5		.6			.5	837
	03-05	.2	.5				.5		.7			.7	836
	06-08	.6	1.7			.1	1.8	.7	1.8			2.5	837
	09-11		1.2				1.2	.5	1.9			2.4	837
	12-14	1.0	.8				.8		.7			.7	836
	15-17	1.7	1.3				1.3		.7			.7	837
	18-20	1.6	1.9				1.9		.5			.5	837
	21-23	1.9	2.5				2.5		.4			.4	837
TOTALS		1.1	1.4			.	1.4	.2	.9			1.1	6694

USAFETAC FORM JULY 64 0-10-5(OL A1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] 27[illegible] TOPREJON AB SP 73-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.6	1.1				1.1	.1	.2			.4	[illegible]
	03-05	.2	1.5				1.5	.4	.4			.7	609
	6-8	.1	3.2				3.2	1.2	1.2			3.5	617
	9-11	.1	3.2				3.2	1.5	1.6			3.1	[illegible]
	12-14		1.6				1.6	.2	.5			.7	612
	15-17	1.2	2.3				2.3						612
	18-20	1.0	1.4				1.4		.1			.1	612
	21-23	.7	1.4				1.4		.1			.1	612
TOTALS		.5	2.[illegible]				2.[illegible]	.4	.5			1.0	6478

USAFETAC FORM JULY 64 0-10-51 OL A/. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] PAL CLIMATOLOGY BRANCH
[illegible] TAC
A[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] 2[illegible] TORREJON AB SP — STATION NAME — 73-81 — YEARS — OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-03		3.5				3.5		.2			.2	837
	03-06		4.1				4.1	.4	.2			.2	837
	06-09	.1	5.3				5.3	3.[illegible]	1.7			4.7	837
	09-11		5.4				5.4	3.6	6.1			9.7	837
	12-14		5.2				6.2	.5	1.9			2.4	837
	15-17	.5	4.5				4.5		.1			.1	837
	18-20	.1	4.5				4.5	.1	.4			.2	837
	21-23		4.1				4.1						837
TOTALS		.1	4.7				4.7	1.[illegible]	1.3			2.3	6696

USAFETAC FORM JULY 64 0 10 5 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

C 2[illegible] TORREJON AB SP 73-81 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	0-2		4.7				4.7	8.1	2.5			1[illegible].5	[illegible]
	3-5		4.9				4.9	9.3	2.7			12.[illegible]	[illegible]
	6-8		5.8				5.8	11.4	3.8			1[illegible].2	[illegible]
	9-11		5.3				5.3	16.0	9.1			25.2	[illegible]
	12-14		5.1				5.1	7.9	7.4			1[illegible].3	[illegible]
	15-17	.1	5.3				5.3	3.8	4.3			[illegible]	[illegible]
	18-[illegible]	.1	5.6				5.6	4.7	4.7			[illegible]	[illegible]
	1-23		4.6		.1		4.6	6.[illegible]	4.2			1[illegible].4	[illegible]
TOTALS		.0	5.2		.0		5.2	8.4	4.8			13.3	6478

USAFETAC FORM 0 10 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] TORREJON AB SP (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	0-3		1.6		.7		11.	10.6	1.9			12.4	937
	3-6		9.3		.7		9.9	12.2	1.9			14.1	937
	6-9		9.4		1.0		10.4	13.6	2.6			13.3	937
	9-11		12.2		.6		10.6	15.8	5.3			21.	937
	12-14		10.2		.2		10.2	11.8	5.7			16.8	937
	15-17		9.7		.6		12.2	6.6	4.1			10.6	937
	18-20		9.7		.6		9.6	6.9	2.2			9.1	937
	21-23		9.3		.4		9.7	8.4	2.2			13.5	937
TOTALS			9.7		.6		10.2	10.4	3.1			13.2	6696

USAFETAC FORM 0-10-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

2 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		6.9		.8		7.6	12.7	6.5			19.0	6694
FEB		.0	8.9		.1	.0	9.0	7.2	2.6			9.8	6795
MAR		.3	6.4		.1	.	6.5	3.1	2.0			5.1	6695
APR		.5	8.2		.0	.0	8.2	1.8	1.8			3.6	6732
MAY		.7	5.5				5.5	1.3	1.5			2.7	6694
JUN		1.9	3.5			.	3.6	.9	.6		.0	1.5	6487
JUL		1.1	1.3			.0	1.3	.7	.2		.0	.2	6696
AUG		1.1	1.4			.0	1.4	.2	.9			1.1	6694
SEP		.5	2.0				2.0	.4	.5			1.0	6478
OCT		.1	4.7				4.7	1.0	1.3			2.3	6696
NOV		.0	5.2		.0		5.2	8.4	4.8			13.3	6478
DEC			9.7		.6		10.2	10.4	3.1			13.5	6696
TOTALS		.5	5.3		.1	.0	5.4	4.0	2.2		.0	6.1	78728

USAFETAC FORM JUL 74 0 10 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
TOTALS													

USAFETAC FORM JULY 64 0 10 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2 AL CLIMATOLOGY BRANCH
TE
ATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 57-6[illegible]

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	[illegible]	[illegible]	3.1	6.1	5.7	10.4	3.2	2.1	.1						[illegible]	741	1.65	[illegible]	[illegible]
FEB	[illegible]	[illegible]	4.7	[illegible]	5.0	9.5	5.[illegible]	3.8	.1						35.5	677	1.93	4.14	TRACE
MAR	[illegible]	[illegible]	7.8	6.5	3.7	9.1	3.4	1.2	.4						27.4	736	1.46	3.53	TRACE
APR	[illegible]	[illegible]	3.1	7.1	4.6	4.9	6.3	2.1	.4						26.4	710	1.73	3.75	[illegible]
MAY	[illegible]	11.4	3.7	6.9	4.6	6.8	4.3	1.5	.4						27.4	740	1.39	4.76	TRACE
JUN	[illegible]	11.9	1.8	6.3	4.7	5.9	2.6	1.4	.1						22.[illegible]	717	1.18	3.[illegible]	[illegible]
JUL	[illegible]	[illegible]	.7	1.5	1.[illegible]	2.[illegible]	[illegible]	.3	.3						7.[illegible]	744	.46	1.[illegible]	[illegible]
AUG	[illegible]	5.5	.3	2.4	1.5	2.[illegible]	1.1	.5	.1						8.2	744	.47	2.73	[illegible]
SEP	[illegible]	7.1	1.4	5.3	2.5	4.4	3.2	1.3	.9						15.6	720	1.26	4.[illegible]	TRACE
OCT	6.6	[illegible]	1.4	5.6	4.5	5.8	4.8	2.4	.7						25.2	763	1.97	6.21	[illegible]
NOV	3.7	9.3	2.3	6.0	4.7	6.0	4.9	2.6	.8						27.2	738	2.[illegible]1	6.37	TRACE
DEC	5.4	11.1	3.1	7.2	4.[illegible]	7.3	4.6	2.2	.5						29.1	769	1.93	5.56	TRACE
ANNUAL	6.4	9.5	2.3	5.7	3.8	6.2	3.8	1.7	.4						24.0	8804	17.59		

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] GEOPHYSICS LABORATORY
AFGL/ETAC
STAT WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS

[illegible] 277 TORPEDO AA SP 57-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									*	.03*	TRACE*	TRACE	
58	*TRACE*	TRACE*	TRACE*	.71*	TRACE*	.20	TRACE	.07	.49	.20	.18	1.01	[illegible]
59	.01	.24	.33	.46	1.75	1.00	.17	.36	.49	.76	.59	.51	1.75
60	1.06	.66	.07	.16	.99	.27	.04	.46	.21	1.32	.91	[illegible]	1.60
61	.49	.27	.23	.45	.29	.25	.32	.60	.63	.67	1.34	[illegible]	1.34
62	.76	.71	.42	.96	.66	.34	.75	.10	1.26	.46	1.05	.87	1.78
63	.58	.33	.16	.57	.55	.61	1.27	TRACE	1.03	.55	1.22	1.33	1.27
64	.79	1.00	.43	.74	.13	.56	.26	.14	.27	.15	.87	.55	.22
65	.45	.44	.94	.10	.29	.32	.02	.72	1.75	1.56	1.37	.76	1.77
66	.45	.54	.78	.41	.68	.74	.12	TRACE	.46	.84	1.19	.75	1.19
67	.31	.66	.41	.35*	.88	.29	TRACE	.13	.57	.74	.60	.34	* .48
68	.36	.52	1.01	1.25	.26	.24	.73	.91	.23	.13	.66	.45	1.25
69	.21	.96	1.56	1.21	.77	.22	.16	.14	.89	.43	.65	.29	1.56
70	.79	.10	.27	.15	.12	.25	.66	.13	TRACE	.56	.46	.15	.79
71	.68	.50	.57	.59	.66	.72	.65	.70	.03	1.29	.39	1.13	1.29
72	.45	.95	1.31	.11	.21	.17	.09	.24	1.87	.95	2.26	.74	2.26
73	.53	.64	.32	.24	1.26	.84	1.63	.40	TRACE	.42	.97	.64	1.63
74	.46	.40	.76	.53	.34	.24	.23	.10	TRACE	.23	.61	.27	.76
75	.66	1.16	.24	.98	.90	.39	.00	.57	.36	TRACE	.29	.35	1.16
76	.34	.85	.21	.53	.55	.66	.37	.83	1.35	.54	.29	1.03	1.35
77	.59	.75	.24	.45	.34	.77	.27	1.16	.32	1.53	.49	.50	1.53
78	.43	.61	.61	.44	.47	1.08	.00	.00	.33	.45	.37	.42	1.08
79	.93	.99	.33	.61	.24*	.10	.19	.05	1.65	.49	.22*	.32	1.65
80	.23	.54	.83	.32	1.66	.34	TRACE	.16	.19	.67	.87	.35	1.65
81	.10	.72	.37	.65	.47	.17	.37	.21	.24	.72	.36	1.11	1.11
MEAN	.471	.588	.523	.517	.566	.503	.296	.300	.577	.521	.745	[illegible]	1.277
S.D.	.273	.293	.391	.329	.470	.294	.405	.322	.510	.442	.334	[illegible]	.302
TOTAL OBS.	741	677	738	715	741	717	744	744	723	763	738	763	[illegible]

NOTE: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

[illegible]

EXTREME VALUES

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										[illegible]*	TRACE*	[illegible]	
[illegible]	*TRACE	*TRACE	*TRACE*	[illegible]*	*TRACE*	.74	TRACE	.73	.55	.45	.19	[illegible]	[illegible]
[illegible]	.46	.79	1.17	1.36	2.97	1.70	[illegible]	.31	2.64	2.43	1.97	[illegible]	17.[illegible]
[illegible]	1.39	3.19	1.34	.14	2.87	.43	.74	.52	.61	5.21	1.71	[illegible]	[illegible]
61	1.22	.43	.42	1.21	1.11	.31	.65	.73	1.7[illegible]	1.56	4.45	1.21	[illegible]
62	1.37	1.17	2.26	2.45	2.07	.53	.00	.13	1.54	1.44	1.90	[illegible]	[illegible]
63	3.[illegible]	2.13	.83	3.18	.11	1.70	1.34	TRACE	2.26	.76	6.37	3.75	[illegible]
64	3.76	4.14	1.56	1.[illegible]4	.47	2.11	.47	.13	.41	.7[illegible]	1.71	1.75	[illegible]
65	1.94	1.36	2.[illegible]	.18	.49	.33	.04	.29	1.96	4.99	4.41	1.81	[illegible]
66	2.27	2.86	.36	1.76	1.09	1.18	.16	TRACE	1.[illegible]	4.11	2.96	[illegible]	[illegible]
67	.71	2.33	.39	1.71*	1.46	.49	TRACE	.74	.6[illegible]	2.12	2.40	[illegible]	*[illegible]
68	.04	2.59	2.22	3.52	.65	.26	.06	1.16	.65	.04	2.76	1.04	[illegible]
69	1.05	2.91	2.53	3.37	1.74	1.12	.35	.16	2.24	1.36	1.74	[illegible]	[illegible]
7[illegible]	[illegible]	.21	.32	.19	.42	.54	1.13	.13	TRACE	.67	1.7[illegible]	[illegible]	11.[illegible]
71	2.34	.78	1.41	2.27	4.76	2.46	.39	.30	.[illegible]	1.58	.17	[illegible]	[illegible]
72	2.36	3.27	2.37	.12	.75	.44	.12	.04	4.[illegible]	6.[illegible]1	2.63	1.[illegible]	[illegible]
73	1.29	.06	.69	.53	2.58	2.11	1.6[illegible]	.68	TRACE	1.[illegible]	1.9[illegible]	[illegible]	14.[illegible]
74	1.50	1.40	2.99	2.33	.67	.77	.61	.24	TRACE	.53	1.73	.77	15.34
75	1.19	1.39	1.44	3.75	2.25	1.62	.00	1.34	1.51	TRACE	.20	1.[illegible]	17.[illegible]
76	.46	2.29	.46	2.[illegible]	1.95	1.87	1.31	2.13	2.34	2.54	1.21	2.77	21.[illegible]
77	2.50	1.74	.65	.63	.98	1.21	.75	1.47	.36	2.96	1.2[illegible]	[illegible]	17.[illegible]
78	1.52	2.39	1.81	1.96	1.66	3.27	.03	.03	.45	.52	1.12	3.17	[illegible]
79	4.29	2.61	1.57	2.32	.62*	.36	.57	.35	2.41	2.72	.34*	.7[illegible]	*[illegible]
[illegible]	.39	1.94	2.[illegible]3	.56	2.53	1.14	TRACE	.37	.47	1.51	1.66	.12	[illegible]
81	.31	1.80	1.94	[illegible]	1.72	.25	.37	.74	.77	.[illegible]3	.26	2.97	13.[illegible]
MEAN	1.643	1.972	1.457	1.753	1.589	1.179	.46[illegible]	.467	1.26[illegible]	1.935	2.[illegible]39	1.[illegible]26	17.[illegible]
S D	1.311	1.[illegible]33	.949	1.138	1.140	.830	.504	.543	1.152	1.712	1.[illegible]54	1.474	[illegible]
TOTAL OBS	741	677	776	715	740	717	744	744	720	762	738	7[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0 88 5 (OLA)

2 [illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] SPECIAL [illegible]/ABC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	[illegible]	.7	.3	.4	.5										.7	744	.5	[illegible]	.
FEB	[illegible]	3.7	.6	.4	.1	.3									1.0	678	.5	7.	.
MAR	[illegible].8	1.7	.1	.3											.4	744	.1	1.9	.
APR	[illegible]9.	.7	.2												.3	[illegible]	TRACE	.	.
MAY	[illegible].9.[illegible]	.1														744	TRACE	TRACE	.
JUN	[illegible].7															717	.	.	.
JUL	[illegible].1															744	.	.	.
AUG	[illegible].1															744	.	.	.
SEP	[illegible].7															720	.	.	.
OCT	9.7	.1														775	TRACE	TRACE	.
NOV	[illegible].9.7	.3														750	TRACE	TRACE	.
DEC	[illegible]5.8	2.5	.	.5	.7										1.7	773	.8	3.1	.
ANNUAL	[illegible]8.7	1.7	.2	.1	.1	.3									.5	8855	1.4		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

EXTREME VALUES

[illegible]

FROM DAILY OBSERVATIONS

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										TRACE	TRACE	[illegible]	
[illegible]	TRACE	TRACE	TRACE	.1	[illegible]	.0	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	.1
[illegible]	.1	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
61	TRACE	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]
[illegible]	[illegible]	3.1	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	1.1	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
67	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
[illegible]	[illegible]	TRACE	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	.0	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	[illegible]
72	[illegible]	TRACE	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
75	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
76	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
77	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE
78	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	744	678	744	[illegible]	744	[illegible]	744	744	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] = (TRACE [illegible] LESS THAN [illegible] ALL MONTHS)

USAF ETAC FORM JUL 84 0 88 5 (OLA)

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										TRACE	TRACE*	.	
58	TRACE	TRACE	TRACE	.2	.1	.0	.1	.0	.0	.1	TRACE	TRACE	.2
59	.1	2.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	TRACE	.2
60	2.1	TRACE	.0	.0	.1	.1	.1	.1	.1	.1	.0	TRACE	2.1
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.	TRACE
62	.1	TRACE	.0	.0	.1	.0	.1	.0	.0	.1	.0	1.1	1.1
63	.1	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
64	.1	.4	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	2.1
65	TRACE	1.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9
66	.1	.1	.0	.1	.1	.0	.2	.0	.1	.1	TRACE	.1	TRACE
67	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.	.0	TRACE	1.2
68	.1	TRACE	TRACE	.0	.1	.0	.1	.1	.1	.1	.1	.1	TRACE
69	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
70	2.1	TRACE	.0	TRACE	TRACE	.0	.0	.0	.1	.1	.0	2.1	5.1
71	2.1	.0	1.9	TRACE	.0	.0	.0	.0	.0	.	TRACE	TRACE	4.0
72	.0	TRACE	.0	TRACE	.0	.0	.1	.1	.1	.1	.1	.1	.2
73	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	.1
74	.1	TRACE	TRACE	TRACE	.0	.0	.1	.0	.1	.0	.0	.1	TRACE
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.	TRACE
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
78	2.0	TRACE	.0	.0	.0	.0	.1	.1	.1	.1	.0	1.1	4.1
79	.1	TRACE	.0	.0	.0*	.0	.0	.0	.0	.0	.0*	.0	.0
80	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	TRACE
81	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.
MEAN	.40	.49	.28	.21	TRACE	.20	.00	.10	.20	TRACE	TRACE	.10	1.49
S.D.	.376	1.498	.388	.043	.100	.000	.000	.000	.000	.000	.100	.777	1.344
TOTAL OBS.	744	678	744	720	744	719	744	744	720	744	720	744	8688

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

2 [illegible] CLIMATOLOGY BRANCH

[illegible] AT [illegible] SPOKANE [illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible]

(FROM DAILY OBSERVATIONS)

[illegible] STATION [illegible] STATION NAME [illegible] 57-81 YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00					MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4							
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120							
JAN	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	744			
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	67[illegible]			
MAR	[illegible]	[illegible]															7[illegible]4			
APR	[illegible]																[illegible]			
MAY	[illegible]																7[illegible]4			
JUN	[illegible]																7[illegible]			
JUL	[illegible]																[illegible]44			
AUG	[illegible]																7[illegible]4			
SEP	[illegible]																[illegible]			
OCT	[illegible]																774			
NOV	[illegible]																79[illegible]			
DEC	[illegible]	[illegible]	[illegible]													[illegible]	[illegible]			
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	8[illegible]4			

1210 WS FORM JUL 64 0.15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

FROM DAILY OBSERVATIONS

[illegible] TORREJON AB SP 57-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*		*	
58	TRACE	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	TRACE
59	0	1	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	1
60	0	0	0	0	0	0	0	0	0	0	0	TRACE	[illegible]
61	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62	0	0	0	0	0	0	0	0	[illegible]	[illegible]	0	[illegible]	[illegible]
63	0	4	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	0	0	0	0	0	0	0	0	[illegible]	1	[illegible]	[illegible]	[illegible]
69	0	TRACE	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
70	TRACE	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	1	0	TRACE	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
72	TRACE	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
73	[illegible]	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	0	0	0	0	0*	0	0	[illegible]	[illegible]	[illegible]	*TRACE		*TRACE
80	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	0	0	0	0	0	1	1					1
MEAN	.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S D	.0[illegible]	.[illegible]3	.[illegible]	.[illegible]0	.[illegible]	.[illegible]0	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
TOTAL OBS	744	673	744	7[illegible]	744	719	744	744	7[illegible]	774	7[illegible]	7[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0 88 5 (OL A)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | 57-81 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*		*	
58	TRACE	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
59	0	1		0		0	0						[illegible]
60	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
61	0	0	0	0	0	0	0	0					[illegible]
62	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	0	4	0	0		0	0						[illegible]
64	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	0	0	0	0	0	0	0	0					[illegible]
66	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	
67	0	0	0	0	0	0	0	0					
68	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	
69	0	TRACE	0	0	0	0				[illegible]			TRACE
70	TRACE	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	1	0	TRACE	0	0	0	0		[illegible]				[illegible]
72	TRACE	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
73	0	0	0	0	0	0	0	0					
74	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	
75	0	0	0	0	0	0	0	0					
76	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	0	0	0	0	0	0	0	0					
78	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	0	0	0	0	0*	0	0				[illegible]	*TRACE	*TRACE
80	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	
81	0	0	0	0	0	0	0	0					[illegible]
MEAN	.0	.2	TRACE	.0	.0	.2	.0	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	.3	.373	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	744	678	744	72[illegible]	744	719	740	744	72[illegible]	774	75[illegible]	[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-83-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

C

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.8	31.7	34.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	4.131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	672	[illegible]	[illegible]	[illegible]	[illegible]	733	741	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0 88 5 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +10 KNOTS)

2

[illegible] CLIMATOLOGY BRANCH
TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: JAN

CLASS: ALL WEATHER HOUR: [illegible]

CONDITION

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.7	[illegible]	1.1	.1	[illegible]						[illegible]	[illegible].1
NNE	[illegible]	[illegible]	.8	.8	.1							[illegible].1	[illegible]
NE	[illegible].7	4.7	1.1	.7	[illegible]							1.4	[illegible]
ENE	[illegible].7	1.0	[illegible]		.8							[illegible].7	[illegible].4
E	.8	[illegible]	.1									1.1	[illegible]
ESE	.4	.1		.1								[illegible]	[illegible].4
SE	[illegible]											[illegible]	[illegible]
SSE	.1	[illegible]	.1									[illegible]	[illegible]
S	[illegible]	.5	.5	.4	.1							1.1	[illegible].8
SSW	.4	1.4	2.9	1.4	.1							[illegible]	[illegible]
SW	1.1	[illegible]	2.3	1.2								[illegible]	[illegible]
WSW	.4	1.4	1.4	1.3	.1							.1	[illegible]
W	.8	[illegible]	1.7	.8								[illegible]	[illegible]
WNW	[illegible]	.1	.1	.1								[illegible]	4.4
NW	[illegible]	[illegible]			.1							[illegible]	4.3
NNW	[illegible]	[illegible]	.1	.4								.2	[illegible]
VARBL			.4	.1								[illegible]	[illegible]
CALM												[illegible]	
	1.3	[illegible]	[illegible].7	[illegible].6	[illegible].4	.5						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] OBSOLETE EDITIONS OF THIS FORM ARE [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: [illegible]

CLASS: ALL WEATHER HOURS L.S.T.: [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.1	.3	.5	.1	.1						[illegible]	7.[illegible]
NNE	[illegible]	[illegible]	1.2	.4	.4							1.5	4.[illegible]
NE	.4	2.[illegible]	1.7	.5								4.8	[illegible]
ENE	.3	1.	.2	.6								4.[illegible]	4.[illegible]
E	.2	1.										2.2	2.4
ESE	.			.1								.5	5.
SE		.1										.2	[illegible]
SSE	.4	.4	.1									.3	4.5
S	.7	1.3	.2	.7	.1							7.1	7.1
SSW	.1	1.2	2.3	1.[illegible]	.1							4.[illegible]	5.5
SW	.1	1.7	2.[illegible]	1.3								5.7	7.4
WSW	.[illegible]	1.3	1.6	1.2	.1							[illegible]	7.7
W	.4	1.	1.	.3								1.5	4.[illegible]
WNW	.1	.7										.4	[illegible]
NW	.	.2		.1	.2							1.1	7.2
NNW	.7	.4	.1	.6								1.3	6.[illegible]
VARBL				.4								.4	12.3
CALM												[illegible]	
#													
	.5	15.[illegible]	1.6	3.0	1.6	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 875

USAFETAC FORM [illegible] [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible] FETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] TORREJON A[illegible]P — STATION — STATION NAME

73-81 — YEARS

JA[illegible] — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.2	.6	1.3	.4							3.3	5.6
NNE	4.3	1.[illegible]	.6	.1	.1	.3						6.7	4.5
NE	4.[illegible]	2.[illegible]	1.3	.5								8.2	4.2
ENE	3.7	1.4	.4	.5	.1	.1						6.3	5.1
E	1.3	.3	.[illegible]									1.7	2.9
ESE	.3	.1										.6	2.8
SE	.[illegible]											.2	1.[illegible]
SSE	.2	.2										.8	2.5
S	.4	1.1	.2	.8								2.5	7.7
SSW	.5	1.8	2.[illegible]	1.3	.1							5.[illegible]	7.8
SW	.6	1.4	1.6	.4								3.9	6.7
WSW	1.[illegible]	1.3	1.4	1.7	.1	.1						6.3	8.5
W	.[illegible]	1.[illegible]	.5	.4		.1						2.[illegible]	7.4
WNW	.4	.4	.[illegible]	.1								1.7	6.7
NW	.3	.1	.1	.1								.6	7.5
NNW	.7	.4		.1	.2							1.4	6.5
VARBL			.1	.1								.2	9.5
CALM												44.9	
	20.1	14.5	9.4	7.4	1.1	.6						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 877

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
2[illegible]	TORREJON AB SP	77-81	JAN

CLASS: ALL WEATHER

HOURS (LST): 900-1100

CONDITION:

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.4	.6	1.8	1.[illegible]							5.5	10.[illegible]
NNE	2.4	1.4	.8	.2	.2							5.5	5.1
NE	2.5	2.5	.5	.4	.1							5.7	4.4
ENE	5.9	1.[illegible]	1.6	1.0	.2							9.9	5.[illegible]
E	2.3	.7										3.[illegible]	2.[illegible]
ESE	1.2	.2	.1									1.5	3.[illegible]
SE	.5											.5	2.[illegible]
SSE	1.1	.7		.4								2.2	4.9
S	.6	1.4	1.1	.5								3.6	6.9
SSW	1.0	1.[illegible]	1.4	1.1								5.3	7.1
SW	1.[illegible]	1.2	2.2	1.3	.1	.1						6.[illegible]	6.0
WSW	.7	1.3	1.3	1.3	.1							4.8	8.5
W	.2	.4	.8	1.4	.4							3.5	10.8
WNW	.1		.2	.7	.1							1.2	12.4
NW	.4		.1	.1	.1							.7	7.5
NNW	.5	.1	.4	.2								1.2	5.9
VARBL		.1	.2	.1								.5	9.8
CALM												41.3	
	12.6	14.7	11.4	1[illegible].5	2.4	.1						100.0	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 7-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] RAL CLIMATOLOGY BRANCH
[illegible] FETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] TORREJON AB SP — STATION / STATION NAME
77-8[illegible] — YEARS
JAN — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]		.2	1.[illegible]	1.4	.4						[illegible]	1[illegible].3
NNE	.2	.5	.7	.6	.1	.1						[illegible]	[illegible].1
NE	.2	.8	.7	1.6	.1							4.4	[illegible].1
ENE	.1	1.1	1.1	1.9	.5							7.6	[illegible]
E	.1	1.[illegible]	1.1	.5								3.4	4.4
ESE	1.2	.7										1.9	2.7
SE	.7	.3	.1									1.1	3.1
SSE	[illegible]	.1	.1	.1	.1							2.5	4.[illegible]
S	[illegible]	.2	1.5	.6	.1							2.6	5.7
SSW	[illegible]	2.4	1.4	1.4								5.7	5.[illegible]
SW	1.[illegible]	2.5	1.7	3.9	.4							9.8	6.3
WSW	1.4	1.6	1.7	3.1	.5							5.2	9.2
W	1.1	.4	1.1	1.6	.5	.2						4.9	10.3
WNW	.5		.1	1.2	.5							[illegible].3	12.1
NW	.		.2	.4								.5	[illegible]
NNW	.5	.1	.2	.2	.1	.1						1.3	9.8
VARBL			.3	.4	.1							1.3	1[illegible].9
CALM												27.4	
	24.9	11.5	12.9	18.2	4.4	.8						100.3	5.6

TOTAL NUMBER OF OBSERVATIONS 637

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 [illegible] CLIMATOLOGY BRANCH
2 [illegible] TAC
[illegible] WEATHER SERVICE /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (LST))

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.1	2.0	1.2	.4	.2					6.5	12.6
NNE	1.1	.7	.5	.4	.1	.1						2.9	7.0
NE	.4	.6	1.2	1.6	.1	.1						4.4	9.3
ENE	1.	.7	1.9	1.9	.4							5.9	9.7
E	.7	1.[illegible]	.6									2.3	4.8
ESE	.[illegible]	.4										1.2	2.8
SE	.5	.2	.4									1.1	4.6
SSE	.7	.4										1.1	2.6
S	.9	1.3	1.3	.2								4.8	5.0
SSW	.6	2.5	1.9	.7								10.8	4.7
SW	3.[illegible]	3.0	2.9	2.5	.7							15.1	7.2
WSW	2.5	1.3	2.5	4.1	1.0							11.4	9.3
W	1.2	.5	.7	2.0	.4							4.5	9.7
WNW	.2	.4	.6	1.1	.2	.1						2.6	11.3
NW	.2		.5	.6	.4							1.7	11.6
NNW	.5	.5	.1	.5								1.6	7.4
VARBL		.1	.8	1.0	.1							2.0	11.0
CALM												22.1	
	21.9	15.1	17.[illegible]	18.5	4.5	.7	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-R-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	2.5	2.6	1.7		.6						11.2	6.2
NNE	2.7	1.6	.8	.7	.4							6.2	5.8
NE	1.1	1.0	1.0	.7	.1							3.9	7.0
ENE	.6	1.2	.6	.7		.1						3.2	7.3
E	.3		.6									.9	6.1
ESE	.6											.6	2.4
SE	.4	.1										.5	2.5
SSE	.1	.4	.1									.6	4.4
S	1.0	.6	.7	.6								3.9	6.4
SSW	1.4	2.0	1.7	.4								5.5	5.8
SW	1.9	2.4	2.4	2.5	.1							9.3	7.7
WSW	1.0	1.2	2.5	2.3	.2							7.2	9.1
W	.3	.7	1.6	.6	.1							3.3	6.2
WNW	.5	.4	1.0	1.3	.1							3.2	10.1
NW	1.4	.6	.1	.5	.1							2.7	5.7
NNW	1.8	1.0	.2	.1	.4							3.5	5.5
VARBL			.1	.1								.2	11.0
CALM												33.5	
	20.5	15.5	16.0	12.2	1.6	.7						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	77-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): 2100-2300

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	2.6	1.0	1.0		.2	.1					8.8	5.6
NNE	4.4	3.8	1.1	.5	.4							11.2	4.9
NE	3.5	1.9	.8	1.1	.1							7.4	5.2
ENE	1.4	1.8	.4	.2	.5	.1						4.4	6.7
E	1.2	.1										1.3	2.5
ESE	.1											.1	3.0
SE													
SSE	.5	.4										.9	3.1
S	.7	1.6	1.0	.6								3.6	6.4
SSW	.8	1.3	1.3	.8	.1							4.4	7.2
SW	.7	1.2	2.7	1.3								5.9	7.9
WSW	.8	.6	2.0	1.4								4.8	8.8
W	.7	.9	1.2	1.1								3.8	7.8
WNW		.2	1.0	1.6								2.7	11.4
NW	.2	.1	.2	.1								1.0	5.6
NNW	.5	1.4	.5	.2	.1							2.7	6.6
VARBL					.1							.1	20.0
CALM												37.5	
	19.2	17.9	13.6	9.9	1.3	.4	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 (PREV OLD-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TUCRFJON AS SP	77-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.7	1.0	1.3	.6	.3	.0					8.3	8.3
NNE	2.2	1.8	.8	.4	.2	.1						5.5	5.1
NE	2.3	2.1	.9	.9	.1	.0						6.3	5.5
ENE	2.2	1.4	.8	.9	.3	.0						5.6	6.4
E	1.3	.6	.3	.0								2.2	3.3
ESE	.7	.3	.2	.0								.9	3.3
SE	.7	.1	.1									.5	3.3
SSE	.7	.3	.1	.1	.0							1.2	3.9
S	1.1	1.0	.8	.6	.0							3.5	6.4
SSW	1.7	1.3	1.9	1.0	.1							6.5	6.6
SW	1.5	1.3	2.2	1.8	.2	.0						7.6	7.7
WSW	1.	1.2	1.9	2.1	.3	.0						6.5	8.8
W	.9	.7	1.1	1.2	.2	.0						4.0	8.5
WNW	.3	.2	.5	.8	.1	.0						1.9	10.1
NW	.5	.2	.2	.2	.1							1.2	7.3
NNW	.7	.6	.2	.3	.1	.0						2.0	6.5
VARBL		.0	.3	.3	.0							.7	11.1
CALM												35.7	
	21.2	15.5	13.0	11.8	2.3	.5	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 6694

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 (STATION) TORREJON AB SP (STATION NAME) 77-81 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.[illegible]	2.[illegible]	1.2	.3	.1						[illegible]	6.4
NNE	4.3	4.1	1.[illegible]	.3								[illegible]	[illegible]
NE	3.4	3.[illegible]	2.1	.5								[illegible]	5.[illegible]
ENE	.9	3.1	.5	.3								4.9	4.9
E	.5	.8	.7	.1								1.7	5.[illegible]
ESE	.7	.3										.9	2.7
SE	.4	.1	.1									.7	3.[illegible]
SSE	1.3	.1	.3	.1								1.9	4.[illegible]
S	.7	.9	2.[illegible]	.7								4.[illegible]	6.9
SSW	1.2	1.9	1.8	.8	.3							[illegible]	7.[illegible]
SW	1.[illegible]	1.3	2.9	1.3								5.5	7.5
WSW	1.5	2.[illegible]	2.5	.8	.5	.1						7.5	7.8
W	.7	.8	1.6	.5	.3							3.5	7.8
WNW	.1	.3	.4	.3	.1							1.2	8.4
NW	.5		.1									.7	3.4
NNW	1.3	.5										1.8	2.6
VARBL			.1									.1	9.[illegible]
CALM												70.2	
	22.4	21.1	17.7	6.8	1.4	.3						100.3	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 76[illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible] YAC
[illegible] ATMOSPHERIC SERVICES/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: FEB

CLASS: ALL WEATHER HOURS L.S.T.: [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	1.2	1.1	.8	.4							7.6	5.4
NNE	6.3	3.8	.9	.4								11.7	3.9
NE	7.[illegible]	3.9	.9	1.2								14.1	5.[illegible]
ENE	2.4	2.1	.1	.4								5.0	4.[illegible]
E	1.1											1.1	2.[illegible]
ESE	.1	.1										.3	3.5
SE	.1		.1									.3	4.5
SSE	.7	.[illegible]	.4									1.8	4.4
S	.5	1.3	1.8	.5								4.2	7.3
SSW	1.7	3.3	2.4	1.2	.1							8.7	6.6
SW	.8	1.7	2.1	1.3	.1							6.0	7.9
WSW	1.2	.7	2.2	.5	.3							4.9	7.6
W	1.1	.8	1.3	.1								3.3	5.8
WNW	.1	.3	.4	.1	.1							1.1	6.3
NW	.7	.4										1.1	3.3
NNW	.1	.5		.3								2.9	3.7
VARBL			.4									.4	7.7
CALM												33.6	
	24.7	20.0	13.8	6.8	1.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 761

USAFETAC FORM JUL 64 0-8-5 0-1-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] SE-VIC[illegible]/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) | [illegible] AB SP (STATION NAME) | 77-81 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | [illegible] (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	3.5	1.6	1.2	.3	.1						11.[illegible]	5.7
NNE	4.5	2.8	.5	.3								8.1	3.7
NE	3.7	2.[illegible]	.7	.9								7.2	4.7
ENE	3.3	2.4	.7	.1								6.4	[illegible]
E	1.7	.7										2.4	3.7
ESE	.[illegible]											.3	2.[illegible]
SE	.4		.1									.5	4.[illegible]
SSE		.7	.1	.1								.5	7.8
S	.4	1.7	1.6	.5								4.2	7.1
SSW	.5	2.9	2.8	1.3								7.5	7.5
SW	1.4	1.7	2.9	2.2								8.3	7.9
WSW	.7	1.4	1.[illegible]	.8	.3							4.2	7.6
W	1.2	.3	.7	.3								2.4	5.3
WNW	.5		.4	.3								1.[illegible]	5.6
NW	.7			.1								.4	5.3
NNW	2.1	.4	.3									2.8	3.3
VARBL			.1									.1	[illegible]
CALM												32.2	
	25.7	19.9	13.4	8.1	.5	.1						100.[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0[illegible]-1[illegible] (HOURS LST)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].1	1.[illegible]	.9	1.4	.7	.4	.[illegible]					.7	9.[illegible]
NNE	4.1	1.2	.8	.3	.4							.7	4.7
NE	[illegible]	2.[illegible]	1.6	.5	.5							7.9	5.[illegible]
ENE	7.9	2.5	.8	.7	.1							7.5	4.[illegible]
E	[illegible].5	1.6	.7	.1								[illegible].1	3.[illegible]
ESE	.[illegible]	.5	.1									1.5	[illegible]
SE	.[illegible]	.[illegible]			.1							1.3	4.7
SSE	.7	.[illegible]	.1	.1								1.[illegible]	5.[illegible]
S	1.[illegible]	1.7	1.[illegible]	.1	.1							4.3	5.4
SSW	.4	2.[illegible]	[illegible].9	2.1	.1							[illegible].1	3.[illegible]
SW	.[illegible]	1.7	3.5	[illegible].1	.1							[illegible].4	[illegible]
WSW	[illegible].2	[illegible]	2.4	1.6	.5							6.4	9.[illegible]
W	.2	.7	.7	.3								[illegible].[illegible]	6.1
WNW	.3	.4	.1		.1							.9	5.[illegible]
NW		.4	.1									.[illegible]	5.8
NNW	.5	.3	.1	.3	.1							1.3	7.3
VARBL			.[illegible]	.3	.1							.9	10.4
CALM												[illegible].4	
#													
	23.1	1[illegible].[illegible]	16.4	9.4	7.1	.4	.1					1[illegible]3.3	4.7

TOTAL NUMBER OF OBSERVATIONS 76[illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: [illegible]

CLASS: ALL WEATHER

CONDITION: [illegible]

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-		MEAN WIND SPEED
N		.7	.5	2.4	2.3	.5	.7						[illegible]
NNE	.4	[illegible]	1.4	.4	.4								[illegible]
NE	1.3	1.[illegible]	.9	.9	.8								[illegible]
ENE	.4	1.7	1.2	1.[illegible]	.4							.4	[illegible]
E	1.5	.9	.1	.1								[illegible]	[illegible]
ESE	1.[illegible]	.4	.1									[illegible]	[illegible]
SE	.2	.1	.3	.1	.1	.7						.1	7.1
SSE	1.[illegible]	.[illegible]	.7	.1								[illegible]	4.1
S	4.1	1.[illegible]	.5	.4								.3	7.[illegible]
SSW	[illegible]	2.5	2.8	1.8	.1							11.4	6.3
SW	[illegible].5	2.5	2.9	7.1	.1							.4	[illegible]
WSW	1.2	2.[illegible]	2.4	4.6	.7	.4						1.2	10.6
W	.7	.8	1.8	1.4	.3	.1						.[illegible]	[illegible]
WNW	.5	.[illegible]	.3	.7	.4							.4	[illegible]
NW	.[illegible]	.3	.1		.4							1.3	7.[illegible]
NNW		.1	.4	.4	.1							1.[illegible]	11.[illegible]
VARBL	.5	.8	1.6	1.2	.4							4.5	[illegible]
CALM												[illegible]	
	23.[illegible]	17.[illegible]	15.[illegible]	18.8	6.2	.7	.3					1[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] OF WEATHER/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] JUN A[illegible]
STATION NAME

77-82
YEARS

[illegible]
MONTH

ALL WEATHER
CLASS

[illegible]
HOURS LST

CONDITION

SPEED KNTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]											[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL	[illegible]		[illegible]			[illegible]						[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible]

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURSLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: [illegible]

CLASS: ALL WEATHER HOURS: [illegible]

CONDITION:

SPEED KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.[illegible]	7.[illegible]	5.5	1.[illegible]	.5						[illegible]	[illegible].3
NNE	.	1.[illegible]	1.7	[illegible]	.3							.4	[illegible]
NE	.2	.	.4	.4								.1	.7
ENE	.2	.3	1.[illegible]	.4								.	.7
E		.	.1									.2	[illegible]
ESE	.		.1	.1								.4	.
SE	.2	.2	.4	.1								.6	.
SSE	.	.2	.5									.7	.
S	1.[illegible]	1.2	1.3	.1	.1							[illegible]	[illegible]
SSW	1.2	4.5	1.7	1.3	.3	.1						.	[illegible]
SW	.2	2.6	4.6	2.2	.4							1.7	[illegible]
WSW	.	2.	7.1	1.3	.4							.	[illegible]
W	.2	1.3	2.2	1.9			.1					.7	[illegible]
WNW	1.2	1.2	.4	.5								.7	[illegible].3
NW	.	.2	.2		.1							[illegible]	4.3
NNW	1.[illegible]	2.[illegible]	.2	.4	.1							[illegible]	.7
VARBL				.5	.1							.7	14.5
CALM												1.4	
	.1	23.2	22.2	16.4	2.9	.7	.1					[illegible]	6.3

TOTAL NUMBER OF OBSERVATIONS [illegible]6

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] JUN AB SP
STATION NAME
YEARS: 77-81
MONTH: FEB
CLASS: ALL WEATHER
HOURS (LST): 1[illegible]-23[illegible]
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].5	2.[illegible]	4.2	[illegible].1	1.0							14.2	7.6
NNE	4.5	[illegible].1	2.8	.5								10.[illegible]	5.[illegible]
NE	[illegible].1	1.5	1.8	.7								[illegible].2	[illegible].1
ENE	.5	.3	.5	.1	.1							[illegible].5	5.[illegible]
E	.4	.5	.3									1.2	4.6
ESE	.3	.3	.1									.[illegible]	4.[illegible]
SE	.5	.4										.9	[illegible]
SSE	.5	.4		.1								1.[illegible]	4.[illegible]
S	[illegible].1	2.[illegible]	1.2	.7								5.6	5.6
SSW	.[illegible]	2.1	1.8	1.4								5.3	7.[illegible]
SW	.7	2.4	[illegible]	1.2	.1							6.3	7.4
WSW	[illegible]	1.3	2.1	1.6	.4							6.4	8.6
W	.[illegible]	1.3	1.4	.7	.1	.3						4.5	8.1
WNW	.4	.7	.4	.3	.1							1.5	7.5
NW	.[illegible]	.[illegible]	.3									1.4	4.[illegible]
NNW	1.2	.7	.5	.1								2.5	4.8
VARBL		.[illegible]	.3	.1	.1							.9	9.3
CALM												[illegible].2	
	21.3	20.9	19.7	9.6	2.1	.3						1[illegible].3	4.3

TOTAL NUMBER OF OBSERVATIONS [illegible]76[illegible]

USAFETAC FORM [illegible] 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS [illegible])

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	2.0	2.2	1.1	.4	.0					1.1	9.[illegible]
NNE	1.1	2.4	1.2	.4	.2							7.4	5.1
NE	.3	1.[illegible]	1.1	.8	.2							5.2	5.[illegible]
ENE	1.6	1.7	.7	.4	.1							4.5	5.3
E	1.1	.6	.0	.1								2.0	4.1
ESE	.8	.2	.1	.0								.9	3.[illegible]
SE	.6	.1	.2	.0	.0	.0						1.0	[illegible]
SSE	.4	.5	.4	.1								1.7	5.3
S	1.7	1.6	1.4	.5	.0	.0						5.1	5.6
SSW	1.7	2.0	2.3	1.4	.2	.0						8.5	7.0
SW	1.4	2.3	3.0	2.2	.2							9.1	5.0
WSW	1.2	1.5	2.4	2.0	.5	.0						8.0	6.3
W	1.0	1.[illegible]	1.5	.9	.1	.1	.0	.0				4.5	8.2
WNW	.5	.2	.4	.3	.1	.0						1.3	7.6
NW	.2	.4	.1	.1	.1							1.1	5.6
NNW	1.1	.7	.2	.0	.1	.0						3.5	5.7
VARBL	.1	.2	.4	.5	.1	.0						1.6	9.8
CALM												23.9	
%	21.9	20.2	17.9	12.3	3.0	.7	.1	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 6095

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	73-81	MAR

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	2.3	1.6	1.4	1.0	.1						10.8	6.9
NNE	3.5	2.6	2.2	.6								8.8	5.1
NE	3.9	2.9	1.4	.7	.1	.1						8.1	5.[illegible]
ENE	2.4	2.3	.2	.4	.1							5.3	4.5
E	.6	1.2										1.8	3.5
ESE	.7	.4	.1									1.2	3.4
SE	.3	.1	.1	.1								.6	6.[illegible]
SSE	.5	.4	.2									1.1	4.3
S	.6	2.3	1.8									4.9	5.9
SSW	1.[illegible]	1.7	2.5	.8	.1							5.3	7.[illegible]
SW	1.1	1.9	1.8	.6								5.4	6.7
WSW	1.4	1.2	1.4	.5	.1							4.7	6.7
W	.4	1.1	1.1	1.2	.1							3.8	8.7
WNW	1.1	1.7	.6	.1								3.5	5.0
NW	1.3	.4	.4	.5								2.[illegible]	5.8
NNW	1.3	1.3	.1									2.7	7.6
VARBL					.1							.1	15.[illegible]
CALM												23.4	
	23.5	23.7	15.5	6.9	1.7	.2						1[illegible].3	4.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 5-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: TORREJON AB SP YEARS: 73-81 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	2.4	1.9	1.4	.8	.1						1[illegible].3	6.9
NNE	4.4	3.2	1.9	.6								1[illegible].2	4.7
NE	[illegible]	4.2	.8	.4								8.4	4.5
ENE	2.4	1.3	1.[illegible]	.2								5.4	4.6
E	.7	1.3	.1									1.9	3.6
ESE	.4	.1										.5	3.[illegible]
SE	.1	.1										.2	4.2
SSE	.5	.5	.2									1.2	4.1
S	1.2	.3	1.2	.2								3.5	5.7
SSW	1.2	2.2	2.3	.8	.1							6.5	7.2
SW	.7	1.6	2.2	.5								4.9	7.[illegible]
WSW	1.[illegible]	.3	1.2	.8								3.6	6.8
W	1.4	1.3	.4	.8								3.9	6.[illegible]
WNW	1.1	.4	.5	.2	.1							2.3	5.3
NW	.4	.2	.4	.1	.1							1.2	7.7
NNW	.6	1.1										1.7	3.5
VARBL				.1								.1	14.[illegible]
CALM												34.[illegible]	
	27.1	21.5	13.8	6.3	1.2	.1						1[illegible].[illegible]	3.8

TOTAL NUMBER OF OBSERVATIONS 636

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	77-81	MAY

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].4	2.4	1.8	1.3	.5							12.4	5.7
NNE	5.7	2.5	1.4	1.0								10.8	4.5
NE	.5	2.6	.6	.2								3.8	3.4
ENE	5.2	2.5	1.[illegible]									9.6	4.4
E	.7	1.[illegible]										1.7	4.[illegible]
ESE													
SE	.[illegible]	.5										.5	3.[illegible]
SSE	.4	.4	.1	.1								1.[illegible]	3.1
S	1.4	1.4	.4									3.[illegible]	4.1
SSW	1.4	2.3	2.4	.5								6.6	6.[illegible]
SW	.4	2.4	1.7	.5								4.9	6.8
WSW	1.3	1.[illegible]	1.2	.5	.2							4.[illegible]	6.8
W	.5	.5	.7	.4	.4							2.4	8.5
WNW		.5		.4								.8	8.7
NW	1.[illegible]	.1	.2	.4								1.7	5.9
NNW	2.2	.5										2.6	2.5
VARBL		.1	.5									.6	7.4
CALM												32.3	
	29.2	20.3	12.0	5.1	1.1							100.[illegible]	3.5

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 0-8-4 OLD-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 [illegible]AL CLIMATOLOGY BRANCH
2 [illegible]TAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB, SP	73-81	MAY

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.9	1.6	.6	.2						5.[illegible]	10.1
NNE	1.5	1.6	1.1	1.1	.4	.1						6.[illegible]	7.3
NE	2.5	2.9	1.2	.9	.1							7.5	5.9
ENE	4.2	2.6	1.9	.1	.1	.2						9.2	5.[illegible]
E	3.4	1.4	.2									5.[illegible]	3.[illegible]
ESE	1.4	.4	.1									1.9	2.9
SE	.7	.7										1.[illegible]	2.[illegible]
SSE	1.1	.4		.1								1.6	3.5
S	2.[illegible]	1.2	1.0	.1								4.3	4.5
SSW	1.5	2.9	4.1	1.2								9.9	6.9
SW	1.5	1.1	3.6	1.6	.1							8.0	7.8
WSW	.4	.7	1.2	1.1	.2							3.6	9.4
W	.2	1.2	1.7	.5	.2	.1						3.9	9.1
WNW	.2	.5	1.0	.4								2.0	7.9
NW		.4	.4	.2								1.0	8.6
NNW	.2	.2	.2	.5	.1							1.2	5.8
VARBL		.1	1.3	.6								2.[illegible]	9.4
CALM												20.0	
%	22.0	18.3	19.7	9.8	1.9	.7						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-5-4 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — MA[illegible] MONTH

ALL WEATHER CLASS — 12[illegible]-14[illegible] HOURS (LST)

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.4	1.8	1.1	.4						5.7	11.3
NNE	1.1	1.[illegible]	.5	.7	.6							4.2	[illegible]
NE	.7	.5	.6	1.0	.1							3.0	[illegible]
ENE	.[illegible]	.[illegible]	.2	.7	.8							2.3	12.[illegible]
E	1.2	1.1	.2									2.5	4.[illegible]
ESE	.7	.[illegible]	.2	.2								1.7	4.9
SE	.[illegible]	.4	.2	.1								1.2	5.[illegible]
SSE	1.6	.8	.1	.1								2.6	3.5
S	3.7	2.3	1.[illegible]	.6								3.[illegible]	4.[illegible]
SSW	1.2	3.5	2.9	2.2	.1							10.0	6.6
SW	2.2	2.2	3.1	3.7	.2							12.0	8.2
WSW	1.6	1.4	2.5	2.6	.4	.1						8.9	8.9
W	1.[illegible]	1.3	1.2	1.1	.4							5.4	6.[illegible]
WNW	.6	1.3	1.[illegible]	1.2	.2							4.3	5.[illegible]
NW	.4	.2	1.1	.6	.1	.1						2.5	9.3
NNW	.5	1.[illegible]	.5	.6	.5							3.0	8.7
VARBL	.0	1.[illegible]	5.7	2.8	.2	.1						10.3	9.6
CALM												10.5	
	21.2	20.3	22.5	20.0	4.8	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 5284 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	1.8	2.5	1.2	.4						7.3	12.2
NNE	.5	.7	1.[illegible]	1.2		.1						3.3	[illegible]
NE	.2	.4	.6	1.3	.1							2.5	10.4
ENE	.3	.5	.6	.5								1.9	[illegible]
E	.7	.2	.4	.1								1.4	[illegible]
ESE	.5	.4	.2	.1								1.3	4.9
SE	.4	.5	.1	.2								1.2	[illegible]
SSE	.7	1.3	.1	.1								2.3	4.3
S	.5	1.[illegible]	1.6	.5								5.1	5.5
SSW	1.[illegible]	2.4	2.2	1.8	.4							[illegible]	7.4
SW	1.4	2.9	4.3	3.7	.6							12.9	9.1
WSW	1.6	2.3	3.6	5.0	1.1	.1						13.[illegible]	10.[illegible]
W	.2	1.3	2.4	1.9	.4							6.1	[illegible]
WNW	1.3	1.1	1.1	1.3	.8							5.6	8.9
NW	1.[illegible]	.7	.7	1.1	.2	.2						3.9	9.[illegible]
NNW	1.1	.5	.6	1.9	.1	.1						4.7	9.[illegible]
VARBL	.2	.7	6.8	1.9	.4							10.[illegible]	[illegible]
CALM												[illegible]	
#	16.8	18.0	28.0	25.0	5.3	1.0						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

27 — STATION
TORREJON AB SP — STATION NAME
77-81 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	7.[illegible]	3.3	4.8	1.7	.5						14.7	10.[illegible]
NNE	1.1	.3	1.0	.1								3.9	5.[illegible]
NE	.6	.6	1.3	1.[illegible]	.3	.1						3.[illegible]	9.[illegible]
ENE	.1	.3	.2	.1	.1							.4	6.7
E	.6	.2	.1									.3	3.6
ESE	.1	.4	.7									1.2	7.[illegible]
SE	.1	.4	.2									.7	5.5
SSE	.3	.4	.7	.2								1.6	7.6
S	.8	1.4	1.1	.2								3.6	6.[illegible]
SSW	1.2	1.9	2.2	1.4	.4	.1						7.[illegible]	5.5
SW	2.7	3.9	3.7	2.5	.1							13.[illegible]	7.1
WSW	1.[illegible]	3.9	2.7	4.4	.2							12.3	5.6
W	.6	2.[illegible]	3.3	1.3	.1							8.5	7.4
WNW	1.2	1.7	1.2	1.7	.1							5.9	7.9
NW	.7	.3	.6	1.1	.1							3.3	9.3
NNW	1.2	1.[illegible]	1.7	1.2	.2							5.9	7.4
VARBL			1.2	.1								1.3	9.2
CALM												11.4	
	12.6	24.7	26.3	22.0	3.3	.7						100.0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: FORT RUCKER AL SP — STATION NAME
YEARS: 73-81
MONTH: MAY
CLASS: ALL WEATHER
HOURS LST: 01-23
CONDITION:

SPEED KN'S / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	4.2	3.1	2.3	.8							14.7	5.9
NNE	.2	2.5	1.9	.7	.1							5.3	5.2
NE	.2	2.[illegible]	1.1	.4	.2							6.5	5.2
ENE	.2	.2	1.8	.5								2.7	5.4
E	.2	1.1	.5									1.8	4.3
ESE	.2	.1										.4	2.7
SE	.3	.4										.3	2.7
SSE	.2	.4	.5	.1								1.3	5.7
S	.4	1.2	.7	.1								2.9	5.9
SSW	1.1	1.5	1.7	.6								4.5	6.3
SW	1.4	2.4	2.2	1.4								7.4	7.3
WSW	1.2	2.2	2.6	.7								7.9	6.5
W	1.7	1.7	1.2	1.3	.4							6.2	7.4
WNW	.1	1.2	.5	.8								3.9	7.2
NW	.5	1.2	.7	.4								2.8	6.6
NNW	.2	1.2	1.2	.2								5.3	5.1
VARBL			.8	.1								1.0	6.6
CALM												3.5	
%	22.5	25.2	19.6	9.7	1.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 637

USAFETAC FORM [illegible] 84 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: MAY

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.1	1.8	2.1	1.[illegible]	.[illegible]						[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	1.5	.7	.1	.[illegible]						7.[illegible]	5.7
NE	2.4	2.[illegible]	1.[illegible]	.7	.1	.[illegible]						[illegible]	[illegible]
ENE	1.[illegible]	1.3	.8	.3	.1	.						[illegible]	[illegible]
E	1.1	.[illegible]	.[illegible]	.[illegible]								[illegible]	[illegible]
ESE	.8	.7	.[illegible]	.0								[illegible]	4.[illegible]
SE	.5	.7	.1	.1								.5	4.[illegible]
SSE	.7	.6	.[illegible]	.1								[illegible]	4.7
S	1.5	1.6	1.1	.[illegible]								4.4	[illegible]
SSW	1.6	2.3	2.5	1.2	.1	.[illegible]						[illegible]	[illegible]
SW	1.5	2.3	2.8	1.8	.1							[illegible]	7.7
WSW	1.2	1.[illegible]	2.1	2.[illegible]	.3	.[illegible]						[illegible]	8.4
W	1.[illegible]	1.4	1.6	1.1	.2	.						.3	7.8
WNW	.[illegible]	1.[illegible]	.3	.8	.2							[illegible]	7.[illegible]
NW	.7	.[illegible]	.6	.5	.1	.[illegible]						[illegible]	7.8
NNW	1.1	1.[illegible]	.5	.5	.1	.[illegible]						3.4	6.[illegible]
VARBL	.1	.2	2.[illegible]	.7	.1	.[illegible]						[illegible]	9.4
CALM												1.2	
%	21.[illegible]	21.5	19.7	12.8	2.6	.4						1[illegible].2	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: APR

CLASS: ALL WEATHER HOURS LST: [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	4.[illegible]	7.6	.4	.4							[illegible]	[illegible]
NNE	7.2	5.[illegible]	2.5	1.3	.7							1[illegible].4	6.1
NE	.4	5.[illegible]	4.[illegible]	5.[illegible]	.1							1[illegible].3	[illegible]
ENE	1.[illegible]	2.[illegible]	2.[illegible]	.9	.1							[illegible].3	[illegible]
E	.[illegible]	.[illegible]	.4									.2	4.[illegible]
ESE		.[illegible]	.1	.2								.[illegible]	[illegible]
SE	.[illegible]		.3	.1								.[illegible]	7.3
SSE	.4	.[illegible]	.3									1.[illegible]	[illegible]
S	.[illegible]	1.3	1.2	.3								.[illegible]	[illegible].7
SSW	.[illegible]	.[illegible]	1.[illegible]	.5								.9	[illegible]
SW	1.2	.[illegible]	.[illegible]	.4								.[illegible]	[illegible].7
WSW	.2	.[illegible]	1.4	.3								[illegible]	7.9
W	1.1	1.1	1.2	.7								4.[illegible]	[illegible].7
WNW	.7		.3	.1	.1							1.2	[illegible].3
NW	.[illegible]	.4	.1									1.1	3.[illegible]
NNW	1.[illegible]	.[illegible]	.[illegible]									.4	4.[illegible]
VARBL	.1	.1	.9	.3								1.3	[illegible]
CALM												23.[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
	[illegible].7	25.4	[illegible]1.7	7.5	1.1							1[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS LST

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	7.	2.3	1.4	.1							1[illegible]	[illegible]
NNE	.3	4.3	2.5	1.2								14.0	[illegible]
NE	.1	4.3	4.	1.0	.1							13.	[illegible]
ENE	[illegible]	2.[illegible]	.8	.4								[illegible]	4.[illegible]
E	.3	.5	.5									[illegible]	[illegible]
ESE	.	.										.	[illegible]
SE	.3	.5	.4									.	[illegible]
SSE	.1	.9	.1									.7	[illegible]
S	1.1	1.[illegible]	1.1									[illegible]	[illegible]
SSW	.7	1.1	1.2	.3								[illegible]	[illegible]
W	.7	.5	1.2	.3								.	[illegible]
WSW	.7	.	1.2									.7	[illegible]
W	.7	.1	1.2	.4	.1							[illegible]	[illegible]
WNW	.6	.4	.1	.8	.1							.1	[illegible]
NW	.7	.7	.3	.1								1.4	4.[illegible]
NNW	[illegible]	1.	.3									.3	[illegible]
VARBL			.6	.1								.7	[illegible]
CALM												[illegible]	
	.2	22.5	13.1	[illegible].0	.5							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NUMBER | YEARS 17-21 | MONTH

CLASS: ALL WEATHER

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	.1	.3							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	.5								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	.6	.1							[illegible]	[illegible]
ENE	.1	[illegible]	[illegible]	.1								[illegible]	[illegible]
E	[illegible]	[illegible]	.4									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	.3								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	.4								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
W	[illegible]	[illegible]	.4									[illegible]	[illegible]
WNW	[illegible]		[illegible]	.6								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
VARBL	[illegible]	[illegible]	.4									[illegible]	[illegible]
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]	[illegible]	12.[illegible]	[illegible]	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 797

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS DAY

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	1.5	[illegible]	1.1							[illegible]	[illegible]
NNE	.3	2.7	1.9	1.[illegible]	.2							[illegible]	[illegible]
NE	2.[illegible]	[illegible]	1.7	2.1	.2							1[illegible]	[illegible]
ENE	[illegible]	7.3	4.4	2.1	.1							1[illegible].8	6.[illegible]
E	[illegible]	[illegible]	1.1	.4								7.9	[illegible]
ESE	.1	1.[illegible]										3.1	3.[illegible]
SE	.2	.2	.1	.2	.1							2.3	5.1
SSE	1.[illegible]	.[illegible]	.5	.2								2.7	4.[illegible]
S	1.[illegible]	1.2	.9									3.5	4.[illegible]
SSW	1.[illegible]	2.7	2.[illegible]	.2								6.7	5.[illegible]
SW	.7	1.[illegible]	2.3	1.0	.1							[illegible]	7.[illegible]
WSW	1.[illegible]	.7	1.2	.9								3.5	7.4
W	.[illegible]	.[illegible]	.[illegible]	.9								1.9	6.1
WNW	.4	.2	.2	.2								1.1	5.[illegible]
NW				.1		.3						.4	19.3
NNW	.[illegible]	.2	.1	.5	.1	.1						1.6	[illegible]
VARBL	.[illegible]	.5	.5	1.1	.1							4.4	[illegible]
CALM												15.2	
	2.4	22.7	27.9	14.0	2.2	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: APR

CLASS: ALL WEATHER HOURS (LST): 1200-1400

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.[illegible]	1.1	2.6	1.7	.4						[illegible].4	[illegible].7
NNE	.1	1.[illegible]	1.7	2.1								5.7	5.3
NE	.1	1.2	2.[illegible]	1.1	.6	.1						[illegible]	5.9
ENE	.[illegible]	1.[illegible]	1.4	.9	.2							4.9	7.9
E	.2	1.[illegible]	.4	.4	.1							2.7	[illegible]
ESE	.2	1.4	.4									2.3	4.5
SE	.2	.7	.4	.5								2.[illegible]	5.7
SSE	.2	.5	.9	.9								2.6	5.[illegible]
S	.3	2.1	1.5	.7	.2							5.4	5.7
SSW	.3	3.2	1.4	.6	.1							7.7	5.6
SW	.1	3.[illegible]	2.6	1.9	.2							8.8	7.5
WSW	1.[illegible]	1.[illegible]	2.2	2.5	.2							7.4	8.9
W	1.[illegible]	2.7	.7	1.1								5.2	6.7
WNW	1.1	.9	.1	.4								2.5	4.9
NW	.5	.1	.1	.1								1.2	4.5
NNW	.2	.7	.5	.6	.1		.2					3.2	9.3
VARBL		1.4	.[illegible]	3.2	.6	.1						14.3	[illegible].8
CALM												5.9	
#	1.[illegible]	24.4	26.3	13.4	4.3	.6	.2					170.3	7.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	73-81	APR

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	2.3	3.8	2.2	2.7							17.[illegible]	1[illegible].[illegible]
NNE	.[illegible]	.[illegible]	.6	1.[illegible]	.4							3.5	8.9
NE	.[illegible]	1.[illegible]	1.6	2.1	.4	.1						[illegible].4	1[illegible].5
ENE	.7	.5	.6	1.[illegible]	.5							3.2	[illegible].7
E	1.5	1.1	.5	.1								3.2	4.4
ESE	.6	.[illegible]	.4									1.5	4.3
SE	.4	.4	.2	.1								1.1	6.1
SSE	.7	.4	.5	.4								[illegible].3	6.9
S	1.4	2.1	1.2	.9								5.6	6.5
SSW	1.5	1.7	2.6	.7	.1							[illegible].7	7.[illegible]
SW	1.1	2.7	3.1	1.5	.5	.1						9.[illegible]	[illegible].4
WSW	1.5	1.6	2.8	2.1	.1							[illegible].1	[illegible].[illegible]
W	1.4	3.1	2.5	1.4								7.8	7.[illegible]
WNW	1.1	.7	1.[illegible]	.7								3.[illegible]	6.7
NW	1.1	.5	.3	.5								2.5	6.4
NNW		.2	.6	1.6	.4							3.5	10.2
VARBL		1.2	9.5	4.2	.9							15.4	9.7
CALM												3.5	
	14.[illegible]	22.3	31.6	21.5	5.7	.2						1[illegible].[illegible]	8.1

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 [illegible]AL CLIMATOLOGY BRANCH
2 [illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) TORP, JCN A[illegible] SP (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOURS LST)

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].2	3.7	4.4	7.3	1.5	.1						14.9	9.9
NNE	.7	1.2	2.6	1.6	.3							6.4	8.6
NE	.9	1.[illegible]	2.2	2.1	.4							6.5	9.[illegible]
ENE	.4	1.1	1.[illegible]	1.2	.1	.1						4.4	8.5
E	.5	.2	.3									1.2	4.3
ESE	.3	.5	.3									1.0	5.4
SE	.3	1.[illegible]	.9	.2								2.3	6.9
SSE	.5	.7		.1								1.4	4.9
S	.4	1.5	1.1	.4								3.3	6.7
SSW	.5	2.[illegible]	2.1	.2	.1							6.1	6.6
SW	.7	2.5	3.3	.7								7.3	7.2
WSW	1.[illegible]	3.3	2.5	2.0	.2							9.5	7.5
W	1.6	2.7	2.1	.7								7.2	6.2
WNW	.5	1.5	1.5	1.0								4.4	7.9
NW	1.1	1.[illegible]	1.3	.9								4.[illegible]	7.2
NNW	.5	2.6	1.2	.5	.2	.1						5.1	7.1
VARBL		.5	2.[illegible]	1.2	.4							4.1	10.[illegible]
CALM												7.9	
	17.2	26.9	28.1	20.3	3.2	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
[illegible]	THREJON AB SP	73-81	AFD

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS. / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	6.	5.4	2.7	.4							1[illegible].8	6.3
NNE	2.5	2.1	5.3	3.1	.2							12.2	7.6
NE	1.4	2.7	3.2	1.7	.5							[illegible].5	[illegible]
ENE	2.1	.5	1.2	.7	.1	.1						[illegible].2	5.7
E	[illegible]	.5	.5	.1								[illegible].5	4.6
ESE	.4	.6	.1									1.1	4.[illegible]
SE	.7	.3	.2	.2								1.5	5.8
SSE	.3	.6	.4									1.9	[illegible]
S	1.	1.5	.5	.4	.1							3.3	6.[illegible]
SSW	.	.6	1.2	.4								[illegible].7	7.[illegible]
SW	1.1	1.4	1.6	.4								4.4	5.[illegible]
WSW	.7	1.2	.9	.2								[illegible].1	5.[illegible]
W	1.1	1.5	1.2	.6								4.4	6.[illegible]
WNW	1.4	1.5	.7	.1	.1							3.3	4.[illegible]
NW	.5	1.[illegible]	.4									[illegible]	4.[illegible]
NNW	.	1.[illegible]	.4	.4	.1							3.7	4.7
VARBL		.1	.9	.5								1.[illegible]	5.[illegible]
CALM												1[illegible].4	
	2[illegible]	24.7	24.1	1[illegible].6	1.6	.1						1[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible]RAL CLIMATOLOGY BRANCH
[illegible] TAC
A[illegible] WEATHER SERVICE /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible] 27	[illegible]-ROJON AF SP	73-81	APR

CLASS	HOURS (LST)
ALL WEATHER	ALL

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.1	3.0	2.7	1.0	.1						12.9	8.1
NNE	1.4	2.0	2.4	1.4	.2							9.5	6.4
NE	1.9	2.8	2.7	1.6	.3	.0						10.3	6.9
ENE	1.2	1.2	1.5	.9	.1	.0						6.6	6.3
E	1.7	1.1	.6	.1	.0							3.1	4.7
ESE	.6	.7	.2	.0								1.5	4.1
SE	.5	.4	.4	.2	.0							1.5	5.1
SSE	.7	.5	.4	.1								1.8	5.2
S	1.1	1.7	1.1	.3	.0							4.2	5.9
SSW	.8	1.6	1.7	.4	.0							4.3	6.4
SW	1.0	1.7	2.0	.8	.1	.0						6.6	7.3
WSW	.9	1.3	1.7	1.0	.1							6.0	7.0
W	1.0	1.4	1.1	.7	.0							4.3	5.7
WNW	.8	.7	.5	.5	.0							2.5	6.7
NW	.7	.3	.3	.2		.0						1.7	6.0
NNW	.1	1.1	.5	.5	.1	.0	.0					3.4	6.6
VARBL	.1	.6	3.3	1.4	.3	.0						5.5	9.0
CALM												15.6	
	21.6	24.2	23.1	12.9	2.4	.2	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 6332

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] STATION NAME: TORREJON AB SP — YEARS: 73-81 — MONTH: MAY

CLASS: ALL WEATHER — HOURS (LST): [illegible]

CONDITION

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.[illegible]	1.9	.2	.1	.1						11.[illegible]	4.4
NNE	1.3	4.7	3.6	.5		.1						1[illegible].2	4.7
NE	2.4	3.2	2.8	1.0								9.3	5.0
ENE	1.4	1.7	1.1	.2								4.4	5.[illegible]
E	1.2	.8										2.0	3.5
ESE	.2	.5	.1									1.2	3.7
SE	.4	.7	.1									1.2	4.6
SSE	.5	1.1	.6	.9	.1							7.1	5.[illegible]
S	1.[illegible]	2.[illegible]	1.1	.4								4.4	6.[illegible]
SSW	1.1	2.4	2.2	.2	.1							[illegible]	6.3
SW	.5	1.9	.7									7.1	5.2
WSW	1.4	1.1	1.1	.1								7.7	5.[illegible]
W	.2	1.1	.5	.4								3.5	5.4
WNW	.6	.4	.4	.2								1.6	5.9
NW	.1	.5	.1									1.7	3.2
NNW	.3	1.3										3.6	3.1
VARBL		.5	.4	.4								1.2	5.1
CALM												2[illegible].3	
	27.6	26.7	16.9	4.4	.4	.2						1[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS 536

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	77-81	MAY

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	.6	.6	.4							11.2	4.[illegible]
NNE	.5	4.3	2.2	.2								11.2	4.3
NE	2.4	2.3	1.7	.7								7.1	5.
ENE	3.1	3.1	.5	.1								6.8	3.2
E	1.1	.5										1.6	3.3
ESE	.5	.2										.4	2.5
SE	.4	.2	.2	.2								1.1	5.9
SSE	.2	.5	.5	.1								1.2	5.7
S	.6	2.2	2.2									4.5	6.4
SSW	.5	1.7	1.8		.1							4.2	5.3
SW	.4	1.6	.7	.1								2.8	5.9
WSW	1.1	1.[illegible]	.5									2.5	4.1
W	.5	.6	.5									1.6	5.2
WNW	.5	.2	.2									1.0	4.5
NW	.8	.1	.1	.2								1.3	4.5
NNW	2.6	1.2										3.8	2.9
VARBL			.5									.5	7.8
CALM												13.3	
#													
	24.4	27.2	12.1	2.4	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 536

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] — STATION — STATION NAME — [illegible] — YEARS — MAY — MONTH

ALL WEATHER — CLASS — [illegible] — HOURS [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible].1	1.[illegible]	1.[illegible]	1.2	.[illegible]							.[illegible]	[illegible]
NNE	[illegible].[illegible]	2.[illegible]	.7	.4								1.[illegible]	[illegible]
NE	[illegible].7	3.5	1.9	.5								1.[illegible]	[illegible]
ENE	[illegible].4	2.7		.1								.[illegible]	[illegible]
E	[illegible].[illegible]	1.2	.1									.1	2.[illegible]
ESE	.7	.4	.1									.2	3.[illegible]
SE	.4	.1										.[illegible]	3.[illegible]
SSE	.4	.5	.4	.2								.4	[illegible]
S	1.1	1.[illegible]	1.6	.4								4.3	[illegible]
SSW	1.1	1.7	2.9	.2								.7	2.7
SW	.[illegible]	1.7	1.4	.1								.7	[illegible].1
WSW	.[illegible]	.2	.4	.1								.7	4.5
W	.4	.5	.4									.2	[illegible].5
WNW	.7	.1	.2									.1	3.[illegible]
NW	.4	.2	.1									.7	[illegible]
NNW	.2	.[illegible]										1.4	[illegible]
VARBL	—	—	.4	.2	—	—	—	—	—	—	—	.5	1.[illegible]
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	—
	25.7	14.6	11.7	3.5	.2							[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]37

[illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — STATION
[illegible] — STATION NAME
[illegible] — YEARS
MAY — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS [illegible]
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.1	1.4	.1	.1						.1	1[illegible].1
NNE	.1	1.	.7	1.2			.1					.1	7.6
NE	.3	2.2	1.9	.6	.1	.1						2.[illegible]	5.[illegible]
ENE	.1	3.1	2.7	1.1		.1						1[illegible].4	5.3
E	.5	2.6	.5	.2								.3	7.7
ESE	.1	1.1	.4									.3	7.7
SE	.5	.5		.1								.4	3.
SSE	.3	.6	.5	.4								3.7	4.[illegible]
S	2.5	2.2	1.2	.5	.1							7.2	4.3
SSW	3.4	4.1	3.1	1.9								11.5	5.8
SW	1.8	2.7	2.7	1.1								.4	6.5
WSW	.1	.5	1.1	.6								3.2	6.5
W	.4	1.1	.7	.2								2.4	5.7
WNW	.1	.2	.7	.7	.2							2.2	10.5
NW	.1	.2										.4	4.3
NNW	.2	.1	.2	.1								.7	7.
VARBL	.2	.5	2.5	2.6								6.1	10.1
CALM												[illegible].5	
	[illegible].1	25.2	12.4	12.8	.6	.4	.1					1[illegible].2	5.7

TOTAL NUMBER OF OBSERVATIONS 637

[illegible] FORM [illegible] [illegible] FREQUENCY [illegible] FORM ARE [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] (STATION) — [illegible] (STATION NAME) — 77-81 (YEARS) — MAY (MONTH)

ALL WEATHER (CLASS) — [illegible] (HOURS LST)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	[illegible]	.7	1.4	.5	.1						4.[illegible]	9.[illegible]
NNE	.2	.7	.5	.7	.1	.2	.2					.1	1[illegible].[illegible]
NE	.2	1.1	.7	.5	.1	.2						3.5	[illegible].7
ENE	.5	1.4	.8	.2								.1	[illegible].[illegible]
E	1.7	1.5	1.1	.1								.4	[illegible]
ESE	.1	.2	.2									.2	[illegible].2
SE	.4	1.2	.4	.1								.2	[illegible].4
SSE	.2	1.[illegible]	.2									1.9	4.7
S	1.5	4.1	1.6	.6	.1							[illegible].2	[illegible].6
SSW	1.[illegible]	4.4	2.7	2.2	.1							11.2	[illegible]
SW	1.4	3.[illegible]	4.1	2.3								11.[illegible]	[illegible].3
WSW	1.[illegible]	1.4	2.9	1.8								[illegible].5	[illegible].8
W	.4	2.[illegible]	1.7	1.6								[illegible].7	7.5
WNW	.6	1.[illegible]	.6	.7								[illegible].9	[illegible]
NW	.7	[illegible]	.5									1.7	4.[illegible]
NNW	.5	[illegible]	.5	.2								[illegible].2	5.6
VARBL	[illegible]	2.[illegible]	12.3	4.4	.7							19.7	9.[illegible]
CALM												4.5	
	1[illegible].4	2[illegible].6	31.1	15.7	1.7	.5	.7					1[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | 77-81 YEARS | MAR MONTH

ALL WEATHER
CLASS

CONDITION

SPEED KNOTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	.7	1.4	1.2	1.2	.5	.2						.7	.7
NNE	.	.9	1.4	.9	.6	.1						.4	.9
NE	.	.2	.	.5	.1	.1						.	.9
ENE	.	1.1	.7	.5	.1							.	.7
E	.7	1.1	.4	.1								.	.
ESE	.	.9	.5	.1								.2	.1
SE	.4	.	.4	.1								1.3	1.7
SSE	1.1	.	.4	.2								1.5	.1
S	.7	.4	.	.7								.7	.5
SSW	.1	.4	.7	.	.2							.1	.1
SW	.7	2.5	4.4	.	.4							1.1	.7
WSW	1.1	.7	.7	.1	.4							.7	.
W	1.2	1.5	.2	1.4	.2							.2	7.1
WNW	.	.7	1.5	.2	.5							.1	.7
NW	.2	.7	.7	.4								.	.1
NNW	.1	.1	.4	.4								1.7	.7
VARBL	—	1.1	11.4	5.1	.2	—	—	—	—	—	—	.2	.1
CALM	—	—	—	—	—	—	—	—	—	—	—	.7	
	17.1	24.2	34.8	21.5	7.2	.5						17.7	.

TOTAL NUMBER OF OBSERVATIONS 8322

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

DIRECTION	1-3	4-6	7-10	16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	.2	.7	.1	.1	.0							.[illegible]	[illegible]
NNE	.1	.[illegible]	.7	.7	.							.[illegible]	[illegible]
NE	.7	.[illegible]	.[illegible]	.7	.							.[illegible]	[illegible]
ENE	.	.[illegible]	.[illegible]	.[illegible]								.[illegible]	[illegible]
E	.1	.	.7									.[illegible]	.5
ESE	.	.[illegible]	.4									.2	[illegible]
SE	.	1.[illegible]	.[illegible]	.4								.4	[illegible]
SSE	.1	1.[illegible]	.5	.4								.[illegible]	[illegible]
S	.	2.[illegible]	.8	1.[illegible]								.[illegible]	[illegible]
SSW	.	2.4	1.7	1.3	.1							.1	[illegible]
SW	.	4.7	7.1	1.2	.1							.[illegible]	[illegible]
WSW	.	2.[illegible]	[illegible].[illegible]	7.[illegible]	.[illegible]							.[illegible]	[illegible]
W	.	2.3	7.6	.[illegible]	.[illegible]							.7	[illegible]
WNW	.	1.4	1.[illegible]	.1	.1							.	[illegible]
NW	.7	1.7	1.4	.5	.1							.1	[illegible]
NNW	.	.4	1.4	.3								.	[illegible]
VARB	.		7.7	.4	.5							.	[illegible]
CALM												.7	
TOTAL	.1	23.[illegible]	[illegible].7	1.7	2.3							.	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME 77-81 YEARS MAY MONTH

ALL WEATHER CLASS HOURS LST

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 -		MEAN AND SPEED
N	[illegible]	4.[illegible]	[illegible]	.6								.[illegible]	[illegible]
NNE	.3	3.[illegible]	1.3	.4	.1	.1						.[illegible]	[illegible]
NE	.[illegible]	2.3	1.7	.6								.7	[illegible]
ENE	.6	.7	.5	.4								.3	.[illegible]
E	.[illegible]	1.3	.3	.1								.3	4.5
ESE	.4	.4	.[illegible]									.3	4.[illegible]
SE	.3	.3	.3									.3	4.[illegible]
SSE	.4	.3	.3	.2								.3	.5
S	.[illegible]	3.[illegible]	1.7	.3	.1							4.7	5.[illegible]
SSW	.3	3.[illegible]	1.7									.7	.[illegible]
SW	1.[illegible]	3.[illegible]	1.[illegible]									.[illegible]	.7
WSW	1.[illegible]	2.[illegible]	2.[illegible]	.6								.5	1.[illegible]
W	.[illegible]	3.3	.[illegible]	.4								.3	4.[illegible]
WNW	1.[illegible]	1.3	.6	.4								.5	5.[illegible]
NW	.[illegible]	1.[illegible]	.3	.1								.3	4.[illegible]
NNW	.[illegible]	3.[illegible]	.7	.1								.6	4.[illegible]
VARBL	—	—	.4	.2	.[illegible]	—	—	—	—	—	—	.1	11.
CALM												.3	
	[illegible]	7[illegible].1	2[illegible].1	[illegible].4	.5	.1						[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] JUN A[illegible]P — STATION — STATION NAME — [illegible] — YEARS — MAY — MONTH

ALL WEATHER — CLASS — ALL — HOURS LST

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.7	1.1	.7	.1						[illegible]	[illegible]
NNE	1.7	2.4	1.[illegible]	.6	.1	.1	.					[illegible]	5.6
NE	[illegible]	[illegible]	1.5	.7	.1	[illegible]						[illegible]	[illegible]
ENE	[illegible]	1.[illegible]	.3	.4	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	1.3	.2	.1								[illegible]	[illegible]
ESE	.3	.3	[illegible]	[illegible]								[illegible]	[illegible]
SE	.6	[illegible]	.4	.1								1.5	4.[illegible]
SSE	[illegible]	.3	.3	.4	[illegible]							[illegible]	[illegible]
S	1.2	2.4	1.6	.9	[illegible]							[illegible]	6.[illegible]
SSW	1.4	2.[illegible]	2.4	.9	.1							[illegible]	6.[illegible]
SW	[illegible]	2.[illegible]	2.4	[illegible]	.1							[illegible]	7.1
WSW	1.7	1.7	2.[illegible]	1.2	.1							[illegible]	7.1
W	[illegible]	1.6	1.2	.6	.1							[illegible]	6.5
WNW	.7	[illegible]	.7	.6	.1							[illegible]	7.[illegible]
NW	[illegible]	.3	.4	.1	[illegible]							[illegible]	[illegible]
NNW	1.7	[illegible]	.4	.2								[illegible]	4.[illegible]
VARBL	[illegible]	[illegible]	4.[illegible]	2.[illegible]	.2							5.9	9.[illegible]
CALM												17.4	
	27.7	25.[illegible]	22.1	12.4	1.2	.2	.1					1[illegible]2.3	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] PM [illegible] 64 [illegible]

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: JUL

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	.4	.1								[illegible]	[illegible]
NNE	.4	[illegible]	[illegible]	.6								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	.1	[illegible]	[illegible]	.5								[illegible]	[illegible]
E	[illegible]	1.4	.1									[illegible]	[illegible]
ESE	.2	.4	.1									1.2	[illegible]
SE	.4	.4	.6									1.4	[illegible]
SSE	[illegible]	[illegible]	.1	.1	.1							1.1	[illegible]
S		1.[illegible]	.2	.1								1.6	[illegible]
SSW	.2	.5	[illegible]	.1								[illegible]	[illegible]
SW	.4	[illegible]	.2	.2								1.4	[illegible]
WSW	.2	1.1	.2	.5								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									1.4	[illegible]
WNW	[illegible]	[illegible]	.1	.2								1.1	6.1
NW	[illegible]	.4	.1									1.[illegible]	4.4
NNW	1.7	[illegible]	.1									1.3	3.1
VARBL			1.	.4								1.4	[illegible]
CALM												20.5	
	[illegible]	24.7	15.6	4.2	.1							[illegible]	3.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS [illegible])

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.4	[illegible]									[illegible].4	2.[illegible]
NNE	[illegible].1	3.7	[illegible]	.4								[illegible].4	[illegible]
NE	7.4	5.6	4.[illegible]	.9								17.3	[illegible]
ENE	4.3	3.[illegible]	.6	.1	.1							[illegible].5	4.[illegible]
E	[illegible].1	1.4	.[illegible]									[illegible].7	[illegible]
ESE	.[illegible]	.1										.5	[illegible]
SE	.1	.[illegible]	.1	.1								.6	6.4
SSE	.4	.[illegible]	.4	.2	.1							1.4	[illegible]
S	.5	.[illegible]	.5									[illegible].7	4.9
SSW	.5	1.1	.5	.1								[illegible].2	[illegible].6
SW	.4	1.[illegible]	.[illegible]	.1								[illegible].7	[illegible].4
WSW	.[illegible]	.1	.1	.5								[illegible].4	[illegible].5
W	.5	.[illegible]	.[illegible]	.1								[illegible].2	5.3
WNW	.1	.[illegible]	.1	.1								.6	6.[illegible]
NW	.[illegible]	.1										.5	2.6
NNW	[illegible].7	.[illegible]										[illegible]	2.3
VARBL			.4	.1								.5	9.5
CALM												13.3	
	23.[illegible]	19.[illegible]	9.9	2.8	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS [illegible]612

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] JCN AFB SP STATION NAME — 77-81 YEARS — JCN MONTH

ALL WEATHER CLASS — [illegible] HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	1.6	.2								[illegible]	[illegible]
NE	[illegible]	4.4	3.[illegible]	2.1								1[illegible].1	[illegible].1
ENE	.6	5.1	1.7	.4								1[illegible].[illegible]	3.[illegible]
E	[illegible]	1.4	.1	.1								4.4	[illegible]
ESE	.5	.1	.1									.[illegible]	2.9
SE	.4	.1										.[illegible]	2.[illegible]
SSE	.[illegible]	.5	.[illegible]	.1								1.1	6.4
S	.[illegible]	1.2	.4									[illegible].2	4.4
SSW	.[illegible]	1.6	1.1									3.2	5.7
SW		1.[illegible]	.6									1.5	6.6
WSW	.6	.[illegible]	.5	.1								1.5	[illegible]
W	.2	.2	.2	.1								.9	5.9
WNW	.[illegible]		.1	.1								.5	[illegible]
NW	.1											.1	1.[illegible]
NNW	.2	.2										1.[illegible]	3.[illegible]
VARBL			1.2	.5								1.7	9.9
CALM												11.4	
	34.4	1[illegible].9	11.6	3.8								1[illegible].[illegible]	3.1

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) THULE JON AB GP (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS LST)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.3	.4	.1								1.9	4.9
NNE	1.9	1.1	.6	.4								4.0	5.2
NE	3.2	2.[illegible]	2.8	2.1								9.1	7.5
ENE	3.4	5.3	3.5	.9								13.2	5.6
E	3.5	4.4	1.6	.1								9.6	4.[illegible]
ESE	3.6	1.9	.1									5.6	3.1
SE	3.3	1.3	.1									5.7	3.[illegible]
SSE	3.5	1.[illegible]	.2	.1								5.8	3.5
S	5.4	2.1	.5									8.0	3.1
SSW	3.6	3.[illegible]	1.1	.1								5.8	4.7
SW	1.1	2.[illegible]	1.7	.9								5.7	5.5
WSW	1.4	1.1	1.4	.1								4.1	5.7
W	.9	.2	.5	.4								2.0	5.3
WNW	.[illegible]	.4	.2	.2		.1						1.2	4.8
NW	.[illegible]	.1	.1									.5	4.5
NNW		.1										.1	5.[illegible]
VARBL	.3	1.7	6.7	2.6								11.2	5.7
CALM												9.5	
	31.8	23.8	21.8	8.0		.1						100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] PAL CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] TY FEJON A[illegible] SP — STATION / STATION NAME

73-81 — YEARS

JUN — MONTH

ALL WEATHER — CLASS

1[illegible]-4[illegible] — HOURS (LST)

CONDITION

WIND DIRECTION KNOTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.2	[illegible]									[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	1.2	.2								3.5	[illegible]
NE	[illegible]	[illegible]	[illegible]	.5								[illegible]	[illegible]
ENE	.7	1.[illegible]	1.2	.5								4.2	[illegible]
E	[illegible]	1.[illegible]	.5									2.7	[illegible]
ESE	[illegible]	2.7										[illegible]	[illegible]
SE	.2	1.[illegible]	.5	.1								3.5	[illegible]
SSE	.[illegible]	1.9	.2		.1							[illegible]	4.1
S	1.1	4.6	1.6	.4								4.5	4.9
SSW	[illegible]	3.5	2.1	.5	.1							[illegible]	[illegible]
SW	1.7	[illegible]	2.3	1.9								[illegible]	[illegible]
WSW	1.7	3.1	2.1	1.2								7.9	[illegible]
W	1.[illegible]	2.[illegible]	1.4	.6								4.9	4.1
WNW	.6	.1	.6	.1								1.5	[illegible]
NW	.5	.1	.4	.2								1.2	[illegible]
NNW	.4	.2	.2	.2								1.1	[illegible]
VARBL	.7	3.5	14.[illegible]	4.6								22.7	[illegible]
CALM												3.6	
	21.3	32.2	29.8	10.9	.2							1[illegible]0.0	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] RAL CLIMATOLOGY BRANCH
[illegible] AFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 7[illegible]-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS LST)

(CONDITION)

SPEED KNOTS S.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.2	.9								4.[illegible]	7.6
NNE	.[illegible]	1.5	1.5	.6	.1							4.[illegible]	7.1
NE	.4	.6	.9	.2								2.1	6.[illegible]
ENE	.[illegible]	1.1	1.1	.4								3.2	6.[illegible]
E	.1	1.4	1.1	.1	.1							4.3	5.6
ESE	.[illegible]	.5	.4	.1								1.2	5.3
SE	1.5	.5	.1	.1	.1							2.3	4.5
SSE	1.[illegible]	1.7	.6	.1								3.5	5.4
S	1.7	3.[illegible]	1.1	.4								7.2	5.1
SSW	1.9	7.1	2.2	.4								7.5	5.9
SW	1.2	3.7	2.7	1.4	.1							9.1	7.1
WSW	1.4	1.9	1.6	2.1								5.9	7.9
W	1.9	3.6	1.5	.7								7.7	5.8
WNW	.2	1.2	.7	.6								3.5	7.2
NW	.5	.9	.9	.2								2.5	6.1
NNW	.7	.7	.6	.1		.1						2.3	6.[illegible]
VARBL	.1	3.1	16.4	6.[illegible]	.4							26.0	9.3
CALM												7.0	
	15.0	32.7	34.7	14.6	.9	.1					1	100.0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 812

USAFETAC FORM JUL 64 9-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 77-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS [illegible])

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.[illegible]	3.5	.9								[illegible]	[illegible]
NNE	.9	1.[illegible]	1.5	.7	.1							4.7	7.[illegible]
NE	1.1	1.2	1.1	.6								4.1	6.[illegible]
ENE	.[illegible]	1.[illegible]	[illegible]	1.2	.1							[illegible]	[illegible]
E	1.2	1.[illegible]	2.3	.9	.1							[illegible].4	7.1
ESE	.[illegible]	1.1	.5	.1	.1							2.5	[illegible]
SE	.5	.9	.9	.6	.1							3.0	7.[illegible]
SSE	.5	1.5	.5		.1							2.[illegible]	5.[illegible]
S	1.[illegible]	1.6	.9	.2								3.7	5.5
SSW	1.1	.[illegible]	1.2	.2								[illegible]	5.3
SW	1.4	2.5	2.7	1.[illegible]								[illegible]	6.[illegible]
WSW	1.5	2.3	3.7	1.2	.1							[illegible].4	7.2
W	1.4	[illegible]	2.5	1.2								[illegible]	6.[illegible]
WNW	1.1	.9	1.1	.2								3.3	6.[illegible]
NW	.4	1.5	1.5	1.0	.2							4.0	8.6
NNW	1.2	1.4	1.4	.5								4.4	6.4
VARBL		.5	6.9	3.3	.4							11.1	1[illegible].1
CALM												[illegible].3	
	1[illegible].1	26.9	34.3	14.1	1.5							1[illegible]	6.7

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] JUN A[illegible]
STATION NAME
YEARS: 73-81
MONTH: JUL
CLASS: ALL WEATHER
HOURS (LST): 1[illegible]-2[illegible]
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	4.4	[illegible]	.1								[illegible]	4.8
NNE	[illegible]	4.4	4.1	.5								1[illegible]	5.3
NE	[illegible].2	4.7	[illegible]	[illegible]								1[illegible]	[illegible]
ENE	1.[illegible]	1.7	1.2	.5								[illegible].2	[illegible]
E	.9	1.4	.6									[illegible]	[illegible]
ESE	.5	1.1	.1	.1								[illegible].9	4.9
SE	.7	1.[illegible]	.1									1.9	3.7
SSE	.6	.5	.6	.1								1.9	5.[illegible]
S	.6	1.9	.7	.1								[illegible]	5.7
SSW	1.[illegible]	.5	.4	.1								[illegible]	4.4
SW	1.4	.7	.5									.5	[illegible]
WSW	1.[illegible]	2.7	.9	.2	.2							.1	6.[illegible]
W	2.[illegible]	2.4	1.1	.5								6.4	5.1
WNW	1.9	1.1	.2	.4								[illegible].5	4.[illegible]
NW	1.1	1.6	.4	.2								[illegible].3	5.[illegible]
NNW	2.2	2.5	.2									4.9	3.[illegible]
VARBL		.1	2.[illegible]	.5	.1							[illegible].7	9.[illegible]
CALM												16.5	
	2[illegible].3	33.2	19.1	5.4	.4							1[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS ALL WEATHER HOURS [illegible]

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	.1	.3								.1	[illegible]
NNE	[illegible]	[illegible]	[illegible].1	.5	[illegible]							.9	[illegible]
NE	[illegible]	[illegible]	2.5	1.2								[illegible]	[illegible]
ENE	[illegible]	[illegible]	1.5	.6	[illegible]							[illegible]	[illegible]
E	1.[illegible]	1.[illegible]	.8	.2	[illegible]							[illegible].5	[illegible]
ESE	[illegible].2	1.[illegible]	[illegible]	.6	[illegible]							[illegible]	[illegible]
SE	[illegible]	.7	.7	.1	[illegible]							.1	[illegible]
SSE	[illegible]	1.[illegible]	.4	.1	.1							[illegible]	[illegible].1
S	1.[illegible]	2.[illegible]	.7	.2								[illegible]	[illegible]
SSW	1.4	1.4	1.2	.2	[illegible]							[illegible]	[illegible]
SW	.9	1.[illegible]	1.3	.7	[illegible]							[illegible]	[illegible]
WSW	1.1	1.[illegible]	1.2	[illegible]	[illegible]							[illegible]	[illegible].7
W	[illegible]	1.4	1.[illegible]	.5								[illegible]	[illegible]
WNW	.5	.[illegible]	.4	.3		[illegible]						[illegible].7	[illegible].3
NW	[illegible]	.3	.4	.2	[illegible]							1.7	[illegible].3
NNW	1.1	.7	.3	.1		[illegible]						[illegible].3	4.[illegible]
VARBL	.1	1.1	[illegible].1	2.3	.1							[illegible].7	[illegible].1
CALM												10.5	
	2[illegible].1	26.[illegible]	22.1	[illegible].9	.4	[illegible]						1[illegible]	[illegible].9

TOTAL NUMBER OF OBSERVATIONS 6479

USAFETAC FORM JUL 64 [illegible] PREV EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS 73-81 | MONTH JUL

CLASS ALL WEATHER | HOURS L.S.T.

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	.4	.4	.1	.1						.1	4.2
NNE	.2	2.7	.9	1.2								.4	3.3
NE	.	2.7	.7	.7	.4							1.4	6.2
ENE	.2	2.	1.2	.8								.	.3
E	.1	1.	.2	.1	.1							.3	5.1
ESE	.2	.2	.1									.3	.3
SE	.1	.4	.5									.2	3.2
SSE	.4	.	.2	.4								.4	6.7
S	.2	.2										.1	4.
SSW	.2	.2	.4									.3	4.5
SW	.	.5	.2									1.7	4.
WSW	.4	.	.2									.	4.4
W	.4	.	.2	.4								1.2	7.5
WNW	1.2	.	.2									.3	2.2
NW	.	.2	.1									1.7	3.5
NNW	1.2	1.1	.2									.5	3.2
VARBL			.2	.5								.2	1.1
CALM												.1	
	27.4	25.7	19.1	8.6	.6	.1						100.	4.1

TOTAL NUMBER OF OBSERVATIONS 537

USAFETAC FORM 1 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER

CLASS

CONDITION

HOURS L.S.T.

DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE		[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW		[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]											[illegible]	[illegible]
NW	[illegible]											[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL			[illegible]	[illegible]								[illegible]	[illegible]
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

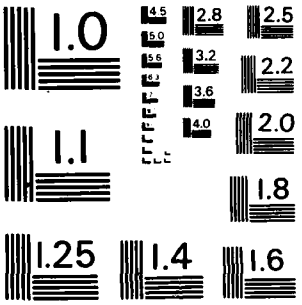
ALL WEATHER

		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 - 63	64	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM													

TOTAL NUMBER OF OBSERVATIONS

AD-A128 107 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 OCT 82 25

UNCLASSIFIED USAFETAC/DS-82/056 SBI-AD-E850 356 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	JUL

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.1	.7	1.3								3.0	8.5
NNE	1.6	1.3	.7	.5								4.1	5.5
NE	1.8	1.4	3.0	1.1	.1							7.4	7.3
ENE	3.6	4.4	3.6	.8	.1							12.5	5.9
E	5.3	4.3	2.4	.5								12.4	4.6
ESE	5.9	2.6	.1									8.6	2.9
SE	3.3	.8										4.2	2.5
SSE	3.3	.8										4.2	2.6
S	4.	3.0	.4	.1								7.6	3.4
SSW	3.7	2.4	1.6	.2								7.9	4.7
SW	1.1	1.8	1.3	.4								4.5	6.0
WSW	1.1	.5	.1	.4								2.0	5.5
W	.6	.6	.5	.2								1.9	5.9
WNW	.5	.2										.7	2.8
NW		.1										.1	6.0
NNW		.5										.5	4.5
VARBL	.1	.7	6.2	1.3	.6							9.0	9.5
CALM												9.3	
	36.8	25.7	20.5	6.8	.8							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	.7	1.2								4.3	7.4
NNE	.8	1.2	.4	.7								3.1	6.7
NE	1.0	1.4	.8	.6								3.8	6.2
ENE	.8	1.3	1.8	.4								3.9	7.0
E	1.3	3.1	.6									4.9	4.5
ESE	1.3	1.1										2.4	3.4
SE	.8	1.4	.2									2.5	4.2
SSE	2.6	2.7	.5									5.9	4.0
S	3.6	4.1	1.3	.1								9.1	4.5
SSW	2.0	5.6	2.0	.6								10.3	5.5
SW	1.4	3.1	3.2	.7								8.5	6.6
WSW	.7	2.7	1.9	1.1	.1							6.6	7.4
W	1.1	2.3	2.0	.6								6.0	6.5
WNW	1.0	.7	.2									1.9	3.8
NW	.5	.1		.1								.7	5.0
NNW	.4	.6	.2									1.2	4.5
VARBL		2.5	15.5	3.9	.2	.2						22.5	9.1
CALM												2.5	
	20.1	35.2	31.5	10.0	.4	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	1.4	1.7								3.9	9.5
NNE	.8	.6	1.0	.2								2.6	5.8
NE	.1	1.3	1.1	.2								2.7	6.8
ENE	.1	1.9	.6	.4								3.0	6.3
E	.6	1.4	1.0									3.0	5.5
ESE	.5	.4	.2									1.1	4.4
SE	.6	.4	.4	.1								1.4	5.7
SSE	1.0	1.8	.4	.1								3.2	5.0
S	1.8	3.5	.8	.2								6.3	4.8
SSW	.7	3.1	2.4	.6								6.8	6.7
SW	.7	2.4	3.5	.8								7.4	7.3
WSW	.6	3.7	3.5	1.7	.2	.2						9.9	8.4
W	.6	2.7	2.9	1.4	.1							7.8	7.6
WNW	1.1	.8	1.0	.4								3.2	6.3
NW	.4	1.1	.6	.2								2.3	6.3
NNW	.2	1.2	.6	.2								2.3	6.6
VARBL	.4	2.9	21.3	6.1	.2							30.8	8.9
CALM												2.2	
	10.5	29.6	42.4	14.5	.6	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27[illegible]	TORREJON AB SP	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	3.5	3.7	.1	.1						9.9	9.3
NNE	.6	.8	1.2	.4	.1							3.1	7.5
NE	.8	1.0	1.1	.7	.1							3.7	7.5
ENE	.5	1.3	2.2	.6								4.5	7.6
E	1.1	1.3	.5									2.9	4.6
ESE	.4	.5	.2									1.1	4.9
SE	.6	1.1	.5	.1								2.3	5.4
SSE	.6	1.2	.6	.4								2.7	6.1
S	1.1	2.0	1.2	.1								4.4	5.2
SSW	1.1	3.7	1.3	.4	.1							6.6	5.7
SW	1.4	3.1	2.7	1.8	.1							9.2	7.3
WSW	1.4	4.2	4.3	.8								10.8	6.7
W	1.3	3.2	3.3	1.8	.2							9.9	7.8
WNW	1.3	1.8	2.0	.2								5.4	5.9
NW	.5	.6	1.0	.1								2.2	6.5
NNW	.5	2.2	1.0	.5								4.1	6.7
VARBL	.2	1.4	8.1	3.2	.5		.1					13.6	9.6
CALM												3.7	
	14.2	31.1	34.6	14.8	1.3	.1	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
7271	TORREJON AB SP	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T): 2100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.4	4.1	1.6	.1							12.8	6.5
NNE	3.6	4.8	3.0	1.2	.2		.1					12.9	6.1
NE	3.2	4.2	2.6	2.6	.2							12.9	6.7
ENE	1.1	1.3	.4	1.1	.1							3.9	6.8
E	.6	1.1	.2									1.9	4.1
ESE	.7	.2										1.0	2.5
SE	.1	.4	.5		.1							1.1	7.8
SSE	.4	.4	1.2	.4								2.3	7.5
S	.6	.5	.5		.1							1.7	5.9
SSW	.7	.5	.2									1.4	3.6
SW	1.3	1.1	.4									2.7	4.0
WSW	.8	1.9	.4	.1								3.2	4.9
W	3.6	4.7	1.6	1.1								10.9	5.2
WNW	4.1	.8	1.1	.1								6.1	3.9
NW	1.8	.8	.5									3.1	3.7
NNW	2.2	2.6	.5									5.3	4.0
VARBL			.7	.7								1.4	11.3
CALM												15.4	
	27.4	29.6	17.7	8.8	1.0		.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
0227	TORREJON AB SP	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.7	1.6	1.3	.0	.0						7.0	6.3
NNE	3.8	2.9	1.5	.7	.0		.0					8.9	5.0
NE	3.8	3.1	2.7	1.3	.1							10.9	5.9
ENE	2.9	2.7	1.8	.7	.0							8.1	5.4
E	2.1	2.0	.7	.1	.0							4.9	4.4
ESE	1.3	.7	.1									2.1	3.3
SE	.8	.6	.3	.0	.0							1.7	4.4
SSE	1.1	1.0	.4	.1								2.6	4.7
S	1.5	1.9	.6	.1	.0							4.1	4.5
SSW	1.2	2.2	1.2	.3	.0							4.8	5.6
SW	.8	1.7	1.5	.5	.0							4.5	6.5
WSW	.7	1.7	1.4	.6	.0	.0						4.4	7.1
W	1.1	1.7	1.3	.7	.0							4.9	6.6
WNW	1.2	.6	.6	.1								2.4	4.7
NW	.6	.4	.3	.1								1.4	4.7
NNW	1.1	1.1	.3	.1								2.6	4.5
VARBL	.1	.9	6.6	2.0	.2	.0	.0					9.9	9.2
CALM												14.6	
	26.5	27.0	22.7	8.5	.6	.1	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 6695

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
7270	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): 0000-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0	2.4	.7	.1								8.2	3.5
NNE	5.7	7.5	5.1	1.4	.1							20.0	5.6
NE	3.8	4.2	4.5	2.6								15.2	6.7
ENE	2.7	3.8	1.9	.6								9.1	5.3
E	1.1	1.9	.5									3.5	4.3
ESE	.5	.4										.8	3.6
SE	.5	.2	.4	.1								1.2	5.3
SSE	.8	.7	.4	.1								2.0	4.8
S	1.0	1.1	.5		.1							2.5	5.4
SSW	.8	1.6	.2									2.6	4.4
SW	.6	.5	.1									1.2	4.2
WSW	.7	.1	.4									1.2	4.5
W	.5	.6	.1									1.2	3.8
WNW	1.0	.2										1.2	2.6
NW	1.1	.5										1.6	3.2
NNW	1.3	.6										1.9	2.9
VARBL			.2	.1	.1							.5	11.8
CALM												26.0	
	27.1	26.3	15.1	5.1	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
0-270	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (LST): 0300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	1.4		.5								9.6	3.0
NNE	7.4	4.2	2.3	.4								14.2	4.1
NE	8.3	5.1	3.6	.6	.1							17.7	4.8
ENE	4.5	3.7	1.6	.5								10.3	4.6
E	1.6	2.4	.2									4.4	3.8
ESE	.6	.1	.2									1.0	3.6
SE	.5		.2									.7	4.3
SSE	.2											.2	2.5
S	.7	1.2	.4									2.3	4.5
SSW	.8	1.1	.5									2.4	4.6
SW	.4	1.0	.4									1.7	4.7
WSW	1.1	.2										1.3	2.5
W	.4	.1	.1									.6	4.0
WNW	.4	.2	.1									.7	4.0
NW	.2	.2		.1								.6	5.8
NNW	1.9	1.0	.1	.2								3.2	3.6
VARBL			.1									.1	9.0
CALM												28.9	
	36.8	22.7	9.8	2.3	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
277	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	.7	.6	.7								6.8	4.1
NNE	9.7	3.0	.8	.4								13.9	3.4
NE	14.9	4.9	1.8	.7								22.3	3.6
ENE	8.4	5.9	1.1	.7	.1							16.1	3.9
E	4.3	1.3	.2									5.9	2.9
ESE	.2											.2	2.0
SE													
SSE	.1	.1	.1									.4	4.0
S	.7	.2	.1									1.1	3.7
SSW	.6	1.1	.4									2.0	4.9
SW	.8	.6	.2									1.9	4.0
WSW	.1											.1	3.0
W	.6			.1								.7	3.7
WNW		.1										.1	5.0
NW	.2			.1								.4	5.7
NNW	.7	.1	.1									1.0	3.0
VARBL													
CALM												27.1	
	46.2	18.3	5.5	2.7	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): 0900-1100

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.5	.6	.1							2.0	8.4
NNE	2.7	1.7	.7	.8	.1							5.7	5.8
NE	3.5	2.2	1.8	.8								8.2	5.5
ENE	4.4	5.4	2.6	.5	.1							13.0	5.2
E	7.9	6.6	1.0		.1							15.5	3.7
ESE	4.3	1.8										6.1	2.9
SE	3.9	.4										4.3	2.2
SSE	3.8	1.4	.1									5.4	2.8
S	5.0	1.8	.2	.1								7.2	3.2
SSW	2.9	2.7	2.0	.1								7.8	4.8
SW	1.[illegible]	1.4	1.0	.2								3.6	5.5
WSW	.6	.1	.8									1.6	5.5
W	1.0	.2										1.2	2.5
WNW	.1											.1	3.1
NW	.2			.1								.4	6.7
NNW	.5	.1		.1								.7	3.9
VARBL		.7	3.3	.4	.2							4.7	8.8
CALM												12.5	
	42.3	26.5	14.1	3.8	.7							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (LST): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	.8	.4								3.2	5.8
NNE	1.2	1.4	1.6	.6	.4							5.1	7.1
NE	1.1	.2	.8	.6	.2							3.0	6.2
ENE	.7	1.3	.4	.1	.1							2.6	5.8
E	2.3	2.4	.1	.1								4.9	3.9
ESE	2.2	1.8										3.9	3.2
SE	2.2	1.7	.1									3.9	3.5
SSE	2.6	2.0	.1									4.8	3.6
S	4.3	5.5	1.6	.2								11.6	4.5
SSW	2.5	5.4	2.[illegible]	.4								10.3	5.1
SW	2.0	3.6	2.6	1.2								9.4	6.2
WSW	1.2	3.3	1.7	.6								6.8	6.3
W	1.7	2.2	1.4	.1								5.4	5.4
WNW	.8	1.0	.2									2.0	3.9
NW	.1	.2	.6									1.0	7.4
NNW	.5	.4	.2	.1								1.2	5.2
VARBL	.2	2.6	9.9	2.6		.1						15.6	8.6
CALM												5.1	
	26.8	35.9	24.3	7.1	.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: TORREJON AB SP YEARS: 77-81 MONTH: AUG

CLASS: ALL WEATHER HOURS (LST): 15 [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.1	1.2								4.7	7.3
NNE	.4	1.2	1.4	.7								4.5	6.[illegible]
NE	.1	1.[illegible]	.5	.4	.1	.1						[illegible].2	[illegible]
ENE	.4	1.[illegible]	.4		.2							1.9	6.[illegible]
E	.2	1.5	.4									2.1	[illegible]
ESE	.[illegible]	.7										1.2	3.4
SE	.4	1.5										1.9	3.[illegible]
SSE	1.4	1.9	.4	.1								3.8	4.4
S	1.[illegible]	4.1	.7	.2								[illegible].9	4.[illegible]
SSW	.7	5.6	2.3	.5								9.1	5.[illegible]
SW	1.[illegible]	4.3	3.3	1.7								1[illegible].3	7.4
WSW	1.[illegible]	4.8	3.[illegible]	1.2								[illegible].9	7.[illegible]
W	1.3	4.1	3.1	.8								9.3	6.4
WNW	.6	1.4	.6	.8								3.5	7.5
NW	.4	1.3	.6	.4								2.6	6.7
NNW	.3	1.[illegible]	.2	.2	.1							1.6	6.9
VARBL	.1	2.3	12.4	4.3	.1							19.2	9.[illegible]
CALM												3.6	
	13.1	39.4	30.3	12.5	.6	.1						1[illegible].3	6.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 [illegible] CLIMA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	3.5	3.3	.6							9.1	10.2
NNE	.8	1.2	.7	.7	.1							3.3	7.1
NE	.5	.3	.7	1.3	.1							2.9	10.3
ENE	.5	.8	.7	.4	.1							2.5	6.5
E	.5	1.5	.5	.2								2.4	6.3
ESE	.3		.6	.1								1.0	7.1
SE	.4	.3	.5	.2	.1							1.7	7.3
SSE	.7	.3	.5	.2								1.2	5.7
S	1.5	3.3	1.5									6.2	4.7
SSW	3.1	4.1	2.3	.2	.1							9.7	5.3
SW	2.4	2.7	2.3	.5								7.9	5.6
WSW	1.2	4.4	4.7	1.3								12.5	6.8
W	3.6	5.1	3.2	.8								12.8	5.6
WNW	.5	1.7	1.2	.5								4.2	6.6
NW	.7	1.2	.7	.2	.1							3.0	6.3
NNW	.4	.7	1.4	1.4								3.9	9.0
VARBL		.7	5.3	1.6	.4							7.9	9.3
CALM												6.1	
	19.0	29.6	29.6	13.1	1.7							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 1 DEC 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): 2100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	4.2	2.2	1.7								11.9	5.8
NNE	3.2	7.1	4.2	1.1		.1						15.7	5.9
NE	1.8	2.7	2.3	2.9	.5							10.2	8.3
ENE	1.3	1.7	.7	.5	.5							4.7	6.9
E	.5	.5	.6									1.6	5.5
ESE	.6	.2	.2									1.1	4.1
SE	.1	.5	.6	.4	.1							1.8	6.6
SSE	.5	.5	.5	.4								1.8	6.6
S	.7	1.1	.2									1.9	4.1
SSW	1.5	.7	.1									1.3	3.5
SW	.3	1.3	.2	.1								2.5	4.5
WSW	1.8	1.4	.4	.1								3.7	4.0
W	2.9	2.9	1.1									6.8	4.3
WNW	2.6	.6	.6									3.8	3.7
NW	1.7	1.1	.4	.1								3.2	4.3
NNW	3.1	4.1	.4	.2								7.8	4.0
VARBL			.2		.1							.4	11.7
CALM												19.5	
	26.5	30.5	14.8	7.4	1.2	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	AUG

CLASS: ALL WEATHER

CONDITION:

HOURS (LST): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	1.5	1.2	1.1	.1							6.9	5.7
NNE	3.9	3.4	2.1	.8	.1	.0						10.3	5.3
NE	4.2	2.6	2.0	1.2	.1	.0						10.2	5.7
ENE	2.9	2.9	1.2	.4	.1							7.5	5.0
E	2.4	2.2	.4	.0	.0							5.2	3.9
ESE	1.1	.6	.1	.0								1.9	3.4
SE	1.0	.6	.2	.1	.0							1.9	4.4
SSE	1.3	.9	.3	.1								2.6	4.1
S	2.0	2.3	.6	.1	.0							5.0	4.4
SSW	1.5	2.8	1.2	.1	.0							5.7	5.1
SW	1.1	2.0	1.3	.5								4.3	6.0
WSW	1.1	1.8	1.4	.4								4.6	6.2
W	1.5	1.9	1.1	.2								4.8	5.3
WNW	.9	.7	.3	.2								2.0	5.3
NW	.6	.5	.3	.1	.0							1.6	5.5
NNW	1.1	1.0	.3	.3	.0							2.7	5.0
VARBL	.0	.8	3.9	1.1	.1	.0						6.0	9.0
CALM												16.3	
	29.7	28.6	17.9	6.8	.7	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 6694

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
000-0200 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	1.3	.2	.5								6.6	3.7
NNE	7.7	4.2	2.3	.1								14.0	3.8
NE	5.9	5.4	3.5	.7								15.1	4.9
ENE	3.1	4.4	1.1									8.7	4.1
E	2.2	.8	.7									3.8	3.6
ESE	.6	.2										.9	3.3
SE	.5	.4		.1								1.0	4.5
SSE	.5	.7	.2									1.5	4.8
S	1.2	2.3	1.5	.1								5.2	5.1
SSW	1.1	1.0	.6	.1								2.8	5.3
SW	.2	.7	.6									1.6	5.8
WSW	.7	1.0										1.7	3.4
W	1.0	.4										1.4	2.5
WNW	.6	.1	.4									1.1	4.0
NW	.2	.1	.2									.6	5.2
NNW	1.6	.7	.1	.1	.2							2.8	5.0
VARBL			.2									.2	8.0
CALM												31.0	
	32.1	24.2	10.5	1.9	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
-.27	TOPREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 0300-0600

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	1.1	.4	.2								3.4	2.9
NNE	11.1	2.1	.7	.5								14.5	3.1
NE	9.9	2.7	1.4	.4								14.4	3.6
ENE	4.1	2.6	.5	.5								7.5	4.1
E	2.7	.4		.1								3.2	2.9
ESE	.4											.4	2.0
SE		.1										.1	5.0
SSE	.1	.2	.2									.6	4.8
S	.2	1.9	.7	.1								3.0	5.7
SSW	.7	1.4	1.2	.1								3.5	6.0
SW	1.2	.6	.7									2.6	4.5
WSW	.6	.6										1.2	3.3
W	.6		.1									.7	3.2
WNW	.7	.1										.9	2.3
NW	.7	.1		.1								1.0	3.9
NNW	1.2	.7	.1	.1								2.2	3.6
VARBL				.1								.1	16.0
CALM												35.6	
	41.1	14.7	6.2	2.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 808

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27(	TORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 0600-1800

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	1.1		.1								5.8	2.7
NNE	12.0	1.6	1.0	.2	.2							15.1	3.3
NE	11.6	3.3	.7	.1								15.8	3.0
ENE	8.5	2.2	.5	.2								11.5	3.1
E	3.2	.9										4.7	2.5
ESE	.4											.4	2.0
SE	.1											.1	2.0
SSE	.2	.1										.4	3.3
S	.4	1.5	.6	.1								2.6	5.5
SSW	.9	.6	1.4	.2								3.1	6.2
SW	.5	.9	.4	.1								1.9	5.7
WSW	.4	.4	.1									.9	4.1
W		.1	.2									.4	6.7
WNW	.1											.1	2.0
NW	.6			.1								.7	3.5
NNW	1.1	.4	.1	.2								1.9	4.3
VARBL			.2									.2	8.0
CALM												34.6	
	45.2	13.1	5.3	1.6	.2							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
01270	TORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.2	.6	.1	.2						3.0	7.7
NNE	3.0	1.2	1.0	.6								5.8	4.9
NE	5.8	1.1	1.5	1.5								9.9	5.3
ENE	6.8	4.3	1.7	.9								13.7	4.5
E	10.5	4.1	.2									14.8	2.8
ESE	5.6	.5										6.0	2.2
SE	2.8	.1										3.0	1.9
SSE	2.3	.6										3.0	2.4
S	2.8	1.6	1.0	.1								5.6	4.3
SSW	1.9	2.6	1.2	.1								5.8	5.0
SW	1.2	1.5	1.2	.2								4.2	5.9
WSW	1.1	1.2	.7									3.1	5.0
W	.4	.4	.2	.2								1.2	6.4
WNW	.4	.1										.5	2.8
NW	.5											.5	2.3
NNW	.2											.2	3.0
VARBL	.2	.1	1.1	.2								1.7	7.9
CALM												18.0	
	46.7	20.1	10.2	4.6	.1	.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
0 272	TORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	.5	.9	.4	.1						3.8	8.7
NNE	.7	.6	.9	.1								2.3	5.9
NE	.6	.9	.9	.2								2.6	6.0
ENE	1.1	1.5	.5	.2								3.3	5.1
E	1.2	2.1	.5									4.8	3.9
ESE	2.1	1.6										3.7	3.1
SE	2.8	.7	.1									3.7	2.6
SSE	3.5	1.5	.1	.1								5.2	3.3
S	5.8	4.1	1.4									11.2	3.7
SSW	3.8	6.2	2.7	.4								13.1	4.9
SW	2.8	4.7	2.5	1.4	.4							11.7	6.3
WSW	2.0	3.1	1.6	.7								7.4	5.8
W	1.0	1.4	1.2	.7								4.3	6.7
WNW	.4	.4	.2	.1								1.1	5.3
NW	.2	.2	.1									.6	4.0
NNW	.7	.6			.1	.1						1.6	6.3
VARBL	1.0	2.0	9.0	1.7								13.7	7.9
CALM												5.7	
	31.7	32.6	22.2	6.7	.9	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 CL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
03 270	TORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	1.0	1.2	.4							4.2	9.4
NNE	.2	.9	.1	.2								1.5	5.8
NE	.4	.6	.9									1.9	5.9
ENE	1.2	.9	.1	.1								2.3	4.0
E	1.1	1.5	.2									2.8	3.8
ESE	1.1	.7										1.9	3.5
SE	1.2	.5	.2									2.3	3.8
SSE	2.3	2.1	.2	.1								4.8	3.9
S	2.6	4.0	1.0	.4								7.9	4.8
SSW	2.7	4.0	2.8	.4	.1							10.0	5.6
SW	2.3	4.8	3.0	.9								11.0	6.1
WSW	1.6	3.3	4.1	2.3	.1							11.5	7.6
W	1.9	3.2	2.7	1.1		.1						9.0	6.8
WNW	1.4	2.0	.6	.4								4.3	5.3
NW	.5	.5	.4									1.4	5.0
NNW	.2	1.2	1.0	.2	.2	.2						3.2	9.0
VARBL	.2	1.7	10.9	3.6	.1							16.5	8.8
CALM												3.8	
	21.4	33.2	29.3	11.0	1.0	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 812

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
0 27	TORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.0	3.2	2.0	.5							9.8	8.1
NNE	1.1	1.2	1.4	.6	.1							4.4	7.1
NE	1.5	.9	.7	.1	.1							3.3	5.1
ENE	.4	1.0	.6									2.0	5.6
E	.9	.9	.2	.1								2.1	4.5
ESE	1.2	.5										1.7	3.0
SE	1.0	.4	.2									1.6	3.9
SSE	.7	.1	.2									1.1	3.9
S	.9	2.6	.9									4.3	4.9
SSW	2.1	3.1	1.5									6.8	4.8
SW	3.6	3.6	2.1	.4								9.6	4.9
WSW	4.6	4.2	4.1	1.7	.2							14.8	6.2
W	4.1	3.7	2.1	.5								10.4	5.0
WNW	2.5	1.4	.7	.1								4.7	4.0
NW	1.0	1.6	.7	.1								3.5	5.3
NNW	1.0	2.1	.5	.5	.2							4.3	6.1
VARBL		.2	2.0	.7								3.0	4.2
CALM												12.6	
	27.5	30.4	21.4	6.9	1.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

USAFETAC FORM JUL 64 0-8-4 DATA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
9 27	CORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.[illegible]	1.1	.6								11.7	3.[illegible]
NNE	4.7	5.2	2.[illegible]	.2								12.1	4.4
NE	[illegible].8	5.3	2.5	.7								12.3	5.3
ENE	[illegible].1	.6	.9	.5								4.1	5.[illegible]
E	.0	1.4										2.0	3.6
ESE	.1	.6	.1									.9	5.[illegible]
SE	.1	.1										.2	3.[illegible]
SSE	.5	.4	.4									1.2	4.9
S	.4	.7	.7		.1							2.0	6.3
SSW	1.0	1.6	.6	.4								3.6	5.7
SW	1.2	1.4		.1								2.7	4.0
WSW	1.7	1.6	.7	.1								4.2	4.7
W	1.5	1.1	1.[illegible]	.2								4.2	4.9
WNW	.9	.6	.6									2.1	5.3
NW	1.2	.6	.2									2.1	3.6
NNW	2.6	.7	.4	.2								4.0	3.7
VARBL			.4	.1								.5	9.0
CALM												30.1	
#													
	24.9	24.9	11.6	3.3	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0464-5 OLD-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
0 22	TORREJON AB SP	73-81	SEP

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.3	1.5	.8	.8	.2	.0						10.7	5.3
NNE	5.1	2.1	1.1	.3	.0							8.7	4.1
NE	4.9	2.5	1.4	.5	.0							9.4	4.5
ENE	3.4	2.2	.7	.3								6.6	4.2
E	3.0	1.5	.2	.0								4.8	3.2
ESE	1.4	.5	.0									2.0	2.8
SE	1.1	.3	.1	.0								1.5	3.0
SSE	1.3	.7	.2	.0								2.2	3.6
S	1.8	2.4	.9	.1	.0							5.2	4.7
SSW	1.8	2.5	1.5	.2	.0							6.1	5.3
SW	1.7	2.3	1.3	.4	.0							5.7	5.6
WSW	1.6	1.9	1.4	.6	.0							5.6	6.0
W	1.3	1.3	1.0	.4		.0						4.0	5.6
WNW	.9	.6	.3	.1								1.9	4.5
NW	.6	.4	.2	.0								1.3	4.4
NNW	1.1	.8	.3	.2	.1	.0						2.5	5.5
VARBL	.2	.5	3.0	.8	.0							4.5	8.5
CALM												21.4	
	34.4	24.2	14.6	4.8	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 6477

USAFETAC FORM JUL 64 5841 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 — STATION
TOKREJON AB SP — STATION NAME
73-81 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0300-0900 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.[illegible]	1.5	.6	1.2	.5							6.8	6.3
NNE	5.9	2.9	1.2	.6								10.5	4.5
NE	5.2	3.8	1.1	.4								11.5	3.9
ENE	4.2	3.[illegible]	.4	.1								7.6	3.5
E	1.7	1.2	.5	.2								3.6	4.4
ESE	.2	.4										.6	3.7
SE	.2	.5	.1									.8	4.6
SSE	.2	.7	.4	.5	.1							1.9	8.9
S	.7	2.3	1.2	.2								4.4	6.2
SSW	.4	1.4	1.1	.4								3.2	6.5
SW	.7	1.4	1.4	.6								4.2	6.3
WSW	.7	1.1	1.1	.8								3.7	7.2
W	1.[illegible]	.7	.5	.4	.2							2.7	6.5
WNW	.2	.4	1.[illegible]	.1								1.7	7.6
NW	1.1	.5	.4	.2								2.2	4.9
NNW	1.3	.7	.2	.1								2.4	4.1
VARBL			.2	.5								.7	12.2
CALM												31.4	
	27.7	22.5	11.2	6.3	.8							100.3	3.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS [illegible])

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	.8	1.[illegible]	1.9	.4							[illegible]	[illegible]
NNE	[illegible].6	2.9	.5	.5								1[illegible].4	3.[illegible]
NE	7.5	2.7	.6									[illegible]	[illegible]
ENE	4.7	2.5	.7	.2								[illegible].1	3.7
E	1.4	1.1	.4									[illegible].9	[illegible].7
ESE	.5	.1	.3									.8	4.[illegible]
SE	.3	.1	.3									.6	4.6
SSE	.4	.4	.2	.4								1.3	7.9
S	.4	1.4	1.1	.2								[illegible].1	6.[illegible]
SSW	.5	1.9	2.7	.2								[illegible].5	6.[illegible]
SW	.6	1.1	1.2	.8								[illegible]	7.7
WSW	.5	.5	1.[illegible]	.5								2.4	[illegible]
W	.7	.7	1.2	.4		.2						[illegible].2	[illegible]
WNW	.1	.5	.2	.2								1.2	6.7
NW	.5	.1	.2									1.0	4.[illegible]
NNW	.8	.7	.1									1.7	3.4
VARBL		.1	.2	.2								.5	1[illegible]
CALM												72.4	
	31.8	17.8	11.8	5.6	.4	.2						1[illegible].0	3.4

TOTAL NUMBER OF OBSERVATIONS 637

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	THROUGH AS SP	73-81	OCT

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.9	2.3	.7	1.0	.4							5.1	5.4
NNE	3.5	1.9	.8	.4								11.6	3.3
NE	5.3	2.6	.7	.6								15.4	3.6
ENE	4.7	2.5										7.2	2.9
E	1.1	.6	.2	.1								2.0	4.5
ESE	.2											.5	2.3
SE	.4		.1									.5	3.4
SSE	.1	.2	.6	.2								1.2	6.1
S	.3	1.7	1.4	.2	.1							4.3	6.4
SSW	.5	1.1	1.9	.8	.1							4.5	5.2
SW	.5	.7	1.6	.1								2.9	7.1
WSW	.2	.4	1.3	.6	.1							3.2	6.1
W	.3	.4	1.3	.8	.2							3.3	6.5
WNW	.1	.2	.2	.1								.7	7.2
NW	.2	.1		.1								.7	5.2
NNW	.1	.2	.4									1.7	4.1
VARBL	.1			.2								.4	10.2
CALM												30.4	
	33.9	14.9	11.4	5.4	1.0							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 337

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
2[illegible]	TORPEJON AB SP	73-81	OCT

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.4	.2	1.4	.4							3.3	9.4
NNE	1.9	1.1	.7	1.0	.1							4.7	6.4
NE	4.7	1.9	.5	1.2								[illegible]	4.[illegible]
ENE	7.3	3.9	.5	.5								12.2	3.7
E	7.6	3.2	.5	.2								11.6	3.[illegible]
ESE	1.4	.4										1.8	2.[illegible]
SE	1.[illegible]	.4	.1									1.4	3.[illegible]
SSE	1.1	.1	.7	.4								2.3	5.5
S	1.9	1.3	2.3	.6	.1							6.1	6.5
SSW	1.4	2.3	2.[illegible]	.8								[illegible].6	6.1
SW	.5	.6	2.[illegible]	1.0								4.1	6.3
WSW	.3	.7	.8	.8	.1							3.3	7.8
W	.2	1.[illegible]	1.6	.5								3.[illegible]	7.5
WNW	.1	.5	.6	.7								1.9	9.3
NW	.2		.1	.1		.1						.6	10.4
NNW	.1	.2	.6	.4	.1							1.4	9.6
VARBL		.4	1.[illegible]	.6	.1	.1						3.2	10.7
CALM												25.1	
	31.1	18.[illegible]	14.2	10.2	1.0	.2						100.[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS 637

USAFETAC FORM JUL 64 0884 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	OCT

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.[illegible]	1.9	.7							4.4	10.3
NNE	1.[illegible]	.5	.7	1.4	.4							3.9	9.1
NE	1.[illegible]	1.[illegible]	1.0	.4	.1							3.3	6.5
ENE	.8	1.2	1.1	.7								3.6	7.0
E	1.9	1.3	.7	.1								4.1	4.3
ESE	2.[illegible]	.7	.1	.1								3.0	3.3
SE	1.4	.6	.1	.5								2.6	4.8
SSE	3.6	1.1	1.1	.4								6.1	4.5
S	4.5	3.[illegible]	2.0	1.0	.2							1[illegible].7	4.9
SSW	5.3	3.9	2.7	1.1	.1							11.2	5.9
SW	2.1	3.1	2.7	1.7	.1							9.7	7.0
WSW	1.2	2.3	1.2	1.4	.7							6.8	8.3
W	1.8	.7	1.3	.7								4.5	6.4
WNW	.6	.2	.4	1.1	.2							2.5	9.6
NW	.4	.1	.4	.5	.1							1.4	9.8
NNW	.6	.1	.8	.5	.1							2.2	8.2
VARBL		.7	3.1	2.4	.5							6.7	10.5
CALM												11.2	
	28.1	21.6	20.4	15.8	2.9							100.0	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-9-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 27 | STATION NAME: TORREJON AB SP | YEARS: 73-81 | MONTH: OCT

CLASS: ALL WEATHER | HOURS (L.S.T.): 1500-1700

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.7	1.3	3.0	.7	.2						7.1	11.1
NNE	.7	.6	.5	1.1	.4	.1						3.5	9.7
NE	.2	.5	.8	.4		.1						2.4	7.5
ENE	.6	1.3	.6	1.0	.1							3.2	8.2
E	1.1	.7	.6	.1								2.5	5.2
ESE	1.2	.1										1.3	2.3
SE	1.4	.6	.1	.6								2.8	5.3
SSE	1.2	.5	.8	1.6	.1							4.3	6.5
S	3.5	2.6	1.9	.7	.1							8.9	5.3
SSW	4.5	3.3	1.6	1.1								10.5	5.4
SW	2.4	3.6	4.1	1.9	.2							12.2	6.9
WSW	2.5	3.2	2.4	2.3	1.0							10.9	8.1
W	2.4	1.6	1.9	1.6								7.4	6.7
WNW	.2	.6	1.1	1.2	.2							3.3	10.4
NW	.5	.5	.6	.7								2.3	7.8
NNW	.6	.6	.6	.2	.1							2.2	7.3
VARBL	.1	.4	3.2	2.3	.5							6.5	10.4
CALM												8.9	
	23.2	22.1	22.2	19.6	3.5	.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	3.2	2.6	3.0	.5							12.2	7.3
NNE	2.9	1.8	1.4	.4								6.5	4.3
NE	1.6	1.1	.9	.4								3.5	5.6
ENE	.8	.8	.5	.2								2.4	5.5
E	.4	.5	.5									1.3	6.0
ESE	.5	.2	.2	.1								1.1	5.1
SE	.1	.4	.5	.5	.2							1.7	10.1
SSE	.8	1.3	.6	.4	.4							3.5	7.2
S	1.1	1.2	1.1	.6								3.9	6.4
SSW	.7	1.9	1.0	.8	.1							4.5	7.2
SW	2.3	1.8	1.7	.6								6.3	5.8
WSW	3.3	2.2	3.5	.8	.2							10.0	6.2
W	3.3	1.7	2.3	1.4								8.7	6.1
WNW	1.7	1.2	.4	.8	.1							4.2	5.9
NW	.8	.7	.7	.2								2.5	5.4
NNW	1.8	1.4	.1	.5	.1							3.9	5.0
VARBL			.2	.4								.6	11.4
CALM												22.8	
	25.0	21.4	18.0	11.1	1.7							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 0100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	2.2	2.[illegible]	1.1								1[illegible].5	5.1
NNE	7.0	3.7	1.6	.4								1[illegible].7	3.9
NE	4.3	3.3	1.0	.2								[illegible].8	4.1
ENE	3.2	1.9	.5	.2								4.8	4.3
E	.1	.4	.2	.1								.8	7.0
ESE	.8	.1										.9	2.3
SE	.6	.4	.1		.1							1.2	4.9
SSE	.2	.7	.7	.5	.6	.1						2.9	11.[illegible]
S	1.[illegible]	.9	1.4									3.2	5.8
SSW	.8	1.3	1.6	.2								3.9	6.[illegible]
SW	.5	2.0	1.6	.5								4.5	5.5
WSW	.8	.5	1.9	.7								3.9	7.9
W	.7	1.3	1.1	.6								3.7	6.6
WNW	.6	1.1	1.1	.5								3.2	7.0
NW	.5	.1	.4			.1						1.1	7.2
NNW	1.7	.8	.5	.1								3.1	4.2
VARBL	.2	.1	.5	.1	.1							1.1	8.4
CALM												29.7	
	27.1	20.8	16.0	5.3	.8	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.6	1.2	1.8	.4	.0						7.6	7.2
NNE	4.5	1.9	.9	.7	.1	.0						8.2	4.6
NE	4.0	2.2	.8	.4	.0	.0						7.5	4.0
ENE	3.1	2.1	.5	.4	.0							6.1	4.2
E	1.9	1.1	.4	.1								3.6	4.0
ESE	.9	.3	.1	.0								1.2	3.1
SE	.7	.4	.2	.2	.0							1.4	5.4
SSE	1.0	.6	.6	.5	.1	.0						2.9	7.2
S	2.0	1.8	1.6	.4	.1							5.8	5.7
SSW	1.6	2.2	1.9	.7	.0							6.3	6.3
SW	1.2	1.8	2.0	.9	.0							5.9	6.9
WSW	1.2	1.3	1.6	1.0	.3							5.5	7.5
W	1.3	1.0	1.4	.8	.1	.0						4.6	6.9
WNW	.5	.6	.6	.6	.1							2.3	8.0
NW	.6	.3	.3	.2	.0	.0						1.5	6.6
NNW	1.0	.6	.4	.2	.1							2.3	5.5
VARBL	.1	.2	1.1	.8	.1	.0						2.3	10.4
CALM												24.7	
	28.1	19.9	15.7	9.9	1.5	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 6695

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 2[illegible] STATION NAME: TORREJON AB SP YEARS: 73-81 MONTH: NOV

CLASS: ALL WEATHER HOURS (LST): 000-[illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.[illegible]	1.9	2.2	1.5	.2	.1						12.0	5.8
NNE	7.9	3.5	1.1	.7	.1							13.3	4.0
NE	9.8	4.3	.7	.6								15.4	3.5
ENE	4.4	2.5	.5									7.4	3.4
E	1.6	1.[illegible]										2.6	3.1
ESE	.2	.2	.1									.6	4.5
SE	.1	.3										.4	4.[illegible]
SSE	.2	.1	.2									.6	4.8
S	.5	.5	.6	.4								2.0	6.6
SSW	.4	.6	.7									1.7	5.6
SW	.5	.5	1.[illegible]	.5								2.5	7.5
WSW	.6	.3	.4	.1								1.4	5.4
W	.8	.5	.7	.4								2.2	5.6
WNW	.2	.1		.1								.5	5.3
NW	.2	.1	.1	.2								.7	8.[illegible]
NNW	1.2	.5	.1	.1								2.0	3.9
VARBL													
CALM												34.7	
	34.7	16.8	8.6	4.7	.4	.1						1[illegible]0.3	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 817

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AB SP	73-81	NOV

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	1.5	1.0	1.2	.4							8.8	5.6
NNE	8.5	1.9	1.5	.5								12.4	3.8
NE	8.4	2.1	1.0	.4								11.9	3.5
ENE	4.3	2.4	.2	.1								7.1	3.4
E	2.4	.6	.1									3.1	2.7
ESE													
SE	.5		.1									.6	3.4
SSE	.5	.1	.4									.7	5.7
S	.2	1.2	.1	.2								1.9	6.5
SSW	.1	.5	1.0									1.6	6.8
SW	.7	1.[illegible]	1.1	.2								3.1	6.4
WSW	.4	.2										.6	2.8
W	.4	.4	.7	.5								2.0	7.9
WNW		.1	.2	.4								.7	11.2
NW	.4	.1	.1	.2								.9	6.7
NNW	.7	.5	.5	.1								1.9	5.1
VARBL				.1								.1	11.2
CALM												42.7	
	32.1	12.6	8.2	4.1	.4							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 808

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] AB SP YEARS: 77-81 MONTH: NOV

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	1.2	.9	2.3	.1							10.2	6.1
NNE	1.4	2.3	1.1	.7								15.1	3.6
NE	7.7	1.2	.2	.5								9.6	3.1
ENE	3.7	1.4	.2									5.3	2.9
E	2.1	1.1										3.1	2.3
ESE	.1											.1	2.0
SE	.1	.1	.1									.4	4.7
SSE	.4	.2										.6	3.1
S	.4	.7	.4	.5								2.0	7.2
SSW	.5	1.0	.7	.5								2.7	6.9
SW	.9	.9	.5	.4								2.6	5.3
WSW	.7	.7	.1									1.6	3.6
W	.4	.4	.5	.4								1.6	7.3
WNW	.1		.1									.2	5.5
NW	.5	.4	.2									1.2	4.0
NNW	.9	.4	.4	.1								1.7	4.8
VARBL			.4	.2								.6	10.0
CALM												41.6	
	34.2	12.5	5.9	5.7	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 81

USAFETAC FORM JUL 64 0-8-5 OBSOLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]ATHER SERVICE /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 73- [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS L.S.T.: [illegible]

CONDITION: [illegible]

SPEED KNOTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	.4	.5	2.2	.9	.1						5.7	1[illegible].4
NNE	[illegible].2	1.3	.7	.4								6.4	3.2
NE	[illegible].2	1.[illegible]	.7	.7	.2							[illegible].1	4.2
ENE	3.[illegible]	2.[illegible]	.4	.4								9.5	3.4
E	5.7	2.1	1.2	.1								9.5	3.5
ESE	1.4	.1										1.7	1.9
SE	.7		.2									1.1	3.7
SSE	.1	.1	.1									1.4	2.4
S	1.2	1.[illegible]	.4	.5	.2							7.3	6.5
SSW	.3	1.1	1.2	.2								3.[illegible]	5.2
SW	.4	.4	1.2	.2								[illegible].2	7.6
WSW	.4	.4	.2	.6								1.6	8.1
W	.4	.5	.1	.4								1.4	6.5
WNW	.5	.5	.1	.2								1.4	5.5
NW	.1	.2	.1									.5	5.8
NNW	.[illegible]	.1		.2								.9	5.9
VARBL			.4	.2								.6	10.5
CALM												40.[illegible]	
	32.5	11.9	7.5	6.5	1.4	.1						100.2	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 [illegible] OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) [illegible]-14[illegible] (HOURS LST)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	1.2	1.9	1.2	.5						6.4	11.[illegible]
NNE	1.2	1.1	.2	.6	.4							3.5	7.1
NE	1.5	.5	.9	1.4	.1							4.3	7.[illegible]
ENE	1.7	3.2	.6	.5								7.[illegible]	4.[illegible]
E	3.6	.7	.4									5.1	3.[illegible]
ESE	2.3	.3										2.6	2.6
SE	1.1			.1								1.2	3.[illegible]
SSE	2.[illegible]	.6	.4									3.5	2.9
S	5.7	1.1	1.6	.4	.4							[illegible].1	4.4
SSW	3.3	2.5	.8	.6		.1						7.3	4.3
SW	2.7	2.3	1.4	1.1	.1	.1						[illegible].8	5.4
WSW	1.6	1.4	1.1	.2								4.3	5.3
W	.7	.4	.6	.5	.2							[illegible].5	6.[illegible]
WNW	.1	.4		.2	.4							1.1	11.1
NW	.4	.6	.2									1.2	5.1
NNW	.7	.4	.4	.6	.2							2.3	8.[illegible]
VARBL		.2	1.5	1.1								2.8	9.9
CALM												[illegible]	
	23.1	16.7	11.1	9.3	2.1	.7						1[illegible].0	4.4

TOTAL NUMBER OF OBSERVATIONS 81

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] JUN AFB SP — STATION NAME

YEARS: 73-81

MONTH: [illegible]

CLASS: ALL WEATHER

HOURS: [illegible]

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.	1.2	4.1	.7	.2	.	.	.	.	.	.9	11.3
NNE	.1	1.2	1.2	.7	.1	.	.	.	.	.	.	4.4	7.
NE	1.5	1.4	1.2	1.2	.1	.	.	.	.	.	.	.3	7.[illegible]
ENE	1.2	.7	.7	.6	.	.	.	.	.	.	.	.3	5.3
E	1.4	.7	.5	.2	.	.	.	.	.	.	.	2.5	4.[illegible]
ESE	.7	.1	.1	.	.	.	.	.	.	.	.	1.0	2.[illegible]
SE	.5	.	.	.	.	.	.	.	.	.	.	.4	2.[illegible]
SSE	.	.4	.9	.	.	.	.	.	.	.	.	2.2	4.[illegible]
S	.7	1.[illegible]	.7	.4	.	.	.	.	.	.	.	2.2	3.7
SSW	.4	.[illegible]	1.2	.2	.	.	.	.	.	.	.	1.5	4.1
SW	.4	2.2	2.3	.9	.2	.1	.	.	.	.	.	11.4	5.5
WSW	.1	1.[illegible]	2.1	.7	.	.	.	.	.	.	.	7.7	5.4
W	.8	1.2	.[illegible]	.4	.1	.	.	.	.	.	.	.3	5.[illegible]
WNW	.	.[illegible]	.4	1.6	.4	.	.	.	.	.	.	3.1	11.[illegible]
NW	.4	.	.1	.6	.1	.	.	.	.	.	.	1.2	10.[illegible]
NNW	.4	.1	.5	1.1	.	.	.	.	.	.	.	1.3	9.5
VARBL	.	.1	.9	.2	.	.	.	.	.	.	.	1.7	9.[illegible]
CALM	—	—	—	—	—	—	—	—	—	—	—	1.4	
	1[illegible]	17.2	14.[illegible]	13.6	1.9	.4	.2					1[illegible]	9.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 77-81 YEARS | N[illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS [illegible]

CONDITION

SPEED KNOTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	[illegible].4	4.[illegible]	2.6	2.[illegible]	.2	.2	.1					1[illegible].[illegible]	7.[illegible]
NNE	1.6	3.[illegible]	2.[illegible]	.2								5.2	[illegible]
NE	[illegible].7	1.5	2.1	.2								[illegible].6	6.[illegible]
ENE	.7	.9	.5	.2								.5	[illegible]
E	.7	.4										1.4	2.[illegible]
ESE	.[illegible]											.1	1.[illegible]
SE	.[illegible]	.1	.2	.1								.6	7.[illegible]
SSE	.[illegible]	.4	.1									.7	4.[illegible]
S	.7	1.1	.2	.1								2.2	4.[illegible]
SSW	1.2	1.6	.5	.1								3.5	4.[illegible]
SW	1.6	1.2	.7	.9								[illegible].4	6.4
WSW	1.2	.5	.4	.1	.1							2.[illegible]	4.[illegible]
W	[illegible].1	.7	1.4	.5	.2							[illegible].4	6.7
WNW	.5	.[illegible]	.6	.6	.1							[illegible]	[illegible].6
NW	1.[illegible]	.[illegible]	.5	.4								3.[illegible]	4.5
NNW	2.1	2.[illegible]	1.2	.4								2.5	4.[illegible]
VARBL	—	.7	.1	.1	—	—	—	—	—	—	—	.4	3.7
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible].1	
	2[illegible].3	27.2	10.3	6.5	1.4	.2	.1					[illegible].7	[illegible]

TOTAL NUMBER OF OBSERVATIONS 61[illegible]

[illegible]

2

AL CLIMATOLOGY BRANCH
OF TAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] JUN AFB SP — STATION NAME

YEARS: 77-81

MONTH: [illegible]

CLASS: ALL WEATHER

HOURS LST: 1,2-[illegible]

CONDITION

SPEED KNOTS E R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].1	3.[illegible]	2.6	1.6	.2							1.[illegible]	5.7
NNE	7.7	5.[illegible]	1.4	.6	.2							1[illegible].6	4.4
NE	[illegible].1	4.7	1.2	.9								1[illegible].[illegible]	4.[illegible]
ENE	.3	2.[illegible]	.2									4.6	[illegible].7
E	1.2	.2	.1									[illegible].2	2.5
ESE	.1	.2										.4	4.[illegible]
SE	.2		.1	.2								.5	7.[illegible]
SSE	.2	.4										.9	3.4
S	.5	.4	.1	.4								1.7	5.4
SSW	.2	.2	1.2	.2								2.6	6.9
SW	.2	[illegible]	.3	.1								2.3	5.5
WSW		1.[illegible]	.6	.4								2.[illegible]	7.3
W	.2	.5	.1	.4								1.4	6.9
WNW	.2	.2	.4	.5								1.4	5.1
NW	1.1	.4		.1	.1							1.7	4.4
NNW	.6	.6	.6									1.9	4.3
VARBL			.1									.1	6.[illegible]
CALM												3.4	
	17.8	21.4	9.4	3.4	.6							1[illegible].2	5.2

TOTAL NUMBER OF OBSERVATIONS 829

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FORP: JON A - SP	77-81	NOV

CLASS: ALL WEATHER — HOURS (LST): ALL

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	1.7	1.5	2.2	.6	.2	.0					1[illegible].2	7.4
NNE	[illegible].3	2.6	1.2	.6	.1							[illegible].7	4.4
NE	.2	2.1	1.0	.7	.1							[illegible].3	4.4
ENE	3.3	1.9	.4	.2								[illegible].8	3.9
E	2.4	.[illegible]	.3	.0								3.6	3.7
ESE	.7	.[illegible]	.3									.9	2.7
SE	.4	.1	.1	.1								.6	4.[illegible]
SSE	.5	.3	.3									1.3	3.7
S	1.7	1.[illegible]	.4	.4	.1							3.5	5.1
SSW	1.8	1.5	.9	.2		.[illegible]						[illegible].4	5.[illegible]
SW	1.5	1.3	1.1	.5	.[illegible]	.[illegible]						[illegible].5	6.[illegible]
WSW	1.1	.8	.6	.3	.0							[illegible].8	5.5
W	1.[illegible]	.6	.6	.4	.1							[illegible].7	5.[illegible]
WNW	.3	.3	.2	.5	.1							1.4	5.8
NW	.6	.3	.2	.2	.0							1.4	5.6
NNW	.3	.7	.5	.3	.0							[illegible].4	5.7
VARBL		.1	.4	.3								.8	9.7
CALM												34.6	
	31.0	16.2	9.9	7.0	1.1	.2	.0					1[illegible]0.0	3.5

TOTAL NUMBER OF OBSERVATIONS 6477

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]
N[illegible] WEATHER SERVIC[illegible]/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — T[illegible]R-JUN A[illegible]SP STATION NAME — 73-81 YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	1.4	1.7	.8	.2	.1						.2	6.1
NNE	[illegible].4	4.4	1.6	.2	.1							11.7	4.4
NE	5.7	3.7	3.[illegible]	.7	.2							13.4	5.[illegible]
ENE	[illegible].8	2.[illegible]	.6	.2								5.5	3.9
E	1.1	1.1	.1									[illegible].3	3.5
ESE	.1	.5	.1									.7	4.5
SE	.4	.1										.5	3.[illegible]
SSE	.1	.2	.2	.5								1.1	4.1
S	.9	1.1	1.2	.6								3.3	7.4
SSW	.5	1.7	1.4	1.1	.1							4.8	6.[illegible]
SW	.6	1.4	1.3	1.4	.1							4.9	5.5
WSW	1.1	.7	1.1	2.2	1.4							[illegible].5	11.1
W	.6	.6	.6	.8	.2							2.9	9.[illegible]
WNW	.5	.4	.1	.2	.1							1.3	7.1
NW	.[illegible]	.1	.1									.7	3.[illegible]
NNW	1.5	.1	.1	.2	.1							[illegible].2	4.7
VARBL			.1	.1								.2	11.[illegible]
CALM												25.9	
	25.6	20.1	13.4	9.2	2.7	.1						100.[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM [illegible] JUL 64 [illegible] PREV[illegible] EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] TORREJON AB SP — STATION NAME
YEARS: 73-81
MONTH: DEC
CLASS: ALL WEATHER
HOURS: [illegible]
CONDITION:

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.2	2.[illegible]	1.2	.7	.5							[illegible].4	5.5
NNE	5.7	3.2	1.4	.5	.1		.1					1[illegible].9	4.5
NE	[illegible].7	2.6	1.2	.4	.5							11.1	4.4
ENE	3.6	2.3	.5		.1							[illegible].3	[illegible]
E	1.[illegible]	.3	.2									2.[illegible]	4.[illegible]
ESE	.4	.6	.1									1.1	4.2
SE	.2											.2	2.2
SSE	.6	.6	.2	.2								1.6	6.4
S	.5	.3	1.5	.7	.2							3.9	6.1
SSW	.4	1.3	2.2	1.1								4.9	8.2
SW	.5	.6	2.3	1.8								.3	8.[illegible]
WSW	.2	.6	1.8	2.3	.5	.1						[illegible].5	10.2
W	.5	.2	.8	.7	.1							2.4	6.8
WNW	.4		.1	.4		.1						1.2	9.5
NW	.1	.1										.2	3.5
NNW	.6	.1	.1									.8	3.7
VARBL			.1	.2								.4	12.7
CALM												33.1	
	26.4	15.8	13.4	9.0	2.0	.2	.1					1[illegible]0.0	4.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 5-84-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 27 STATION NAME: TERCEJON AB SP YEARS: 73-81 MONTH: DEC

CLASS: ALL WEATHER HOURS (L.S.T.): 0[illegible]-[illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	1.7	1.2	.8	.1							8.1	5.2
NNE	3.6	2.4	1.7	.6	.1							11.4	4.4
NE	3.6	2.6	1.2	.2	.4							8.0	5.1
ENE	4.3	1.[illegible]	.5	.1								5.9	3.3
E	1.3	.7										2.0	3.1
ESE	.7	.2										1.0	2.6
SE		.1										.1	4.0
SSE	.1	.7										.8	4.6
S	.8	.7	1.6	1.3	.2	.1						4.8	9.3
SSW	.3	1.1	2.3	1.9								5.6	8.7
SW	.1	1.1	1.0	1.1								3.2	8.3
WSW	.2	.7	2.2	2.2	.5							5.6	10.5
W	.8	.4	.5	.7								2.7	7.4
WNW	.4	.1	.4	.5	.4	.1						1.8	11.6
NW	.7	.5										1.2	3.1
NNW	1.1	.5										1.6	2.9
VARBL		.1	.2									.4	6.0
CALM												35.8	
	23.3	14.6	12.9	9.4	1.7	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 5-8-4 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 9[illegible]-11[illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].2	1.4	.7	.6	.1							5.0	5.3
NNE	3.3	2.3	.7	.6	.2							7.6	4.8
NE	3.8	2.3	1.3	1.4	.2							9.1	5.9
ENE	3.7	2.9	.6	.8	.1							8.1	4.8
E	2.5	1.[illegible]	.2									4.1	3.[illegible]
ESE	1.1	.1										1.2	2.[illegible]
SE	.4	.1	.1									.6	3.6
SSE	.4	.6										1.0	3.8
S	1.3	1.2	1.3	1.0	.4							5.1	7.7
SSW	1.5	1.1	3.6	1.1	.1							8.8	7.9
SW	.4	1.[illegible]	1.2	1.3								3.8	9.[illegible]
WSW	.7	.4	1.3	2.9	.4							5.6	11.[illegible]
W	.[illegible]	.1	.4	1.9	.1	.1						[illegible].9	12.[illegible]
WNW	.4	.1	.5	.5	.2	.5						[illegible].2	13.4
NW	.5											.5	2.3
NNW	.5	.4										.8	3.1
VARBL			.4	.1								.5	9.[illegible]
CALM												35.1	
	27.1	14.8	12.3	12.2	1.9	.6						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
27[illegible]	TORPEJON AB SP	73-81	DEC

CLASS: ALL WEATHER

HOURS (L S T): 1200-140[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.1	.7	1.3	.7							3.6	10.9
NNE	1.7	1.1	.2	.7	.5	.1						4.3	7.7
NE	1.2	1.1	1.2	2.9	.2	.1						5.7	9.6
ENE	1.8	1.7	1.3	1.8	.4							6.9	7.8
E	4.1	1.7	.8									6.6	3.7
ESE	1.1	1.[illegible]										2.0	3.1
SE	1.1	.5										1.6	2.8
SSE	1.1	.5	.5	.2								2.3	5.3
S	2.9	1.3	2.0	.1	.6							6.9	6.1
SSW	2.2	1.9	2.3	1.6	.5	.1	.1					8.6	8.1
SW	1.7	1.7	2.6	2.6	.5			.2				9.3	9.4
WSW	1.6	.7	1.2	3.8	1.1	.1						8.5	10.9
W	.6	.1	.5	1.0	.7	.1						3.0	12.2
WNW	.4	.4	.4	.2	.4	.7						2.4	13.8
NW		.1	.1	.2								.5	11.3
NNW	.4		.2	.2	.2							1.1	9.0
VARBL	.1		.2	.4	.4	.1						1.2	14.2
CALM												24.4	
	22.6	13.7	14.3	17.1	6.1	1.4	.1	.2				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-4-5 OLD-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 15 0-1700

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.8	1.1	2.3	1.1		.1					7.0	10.1
NNE	.7	1.0	.6	1.2	.1							3.6	6.5
NE	.2	1.2	1.6	1.8	.1							4.9	9.6
ENE	.4	.8	2.6	1.1	.4							5.3	9.1
E	1.1	1.1	.1									2.3	5.6
ESE	1.3	.4										1.3	2.9
SE	1.2	.1	.1									1.2	2.6
SSE	1.3	1.2	.6	.2								3.3	4.8
S	2.7	2.0	.6	1.0	.1	.1						7.5	5.5
SSW	5.3	2.4	2.0	2.3	.4							12.3	6.3
SW	3.7	2.4	2.6	2.2	.2	.1	.2					11.5	7.5
WSW	2.9	1.3	1.9	3.2	1.2	.2						10.8	9.5
W	1.7	.5	.7	1.3	1.1							5.4	9.7
WNW	.5	.2	.6	.5	.4	.4						2.5	12.0
NW	.6	.1	.2	.6	.1							1.7	9.1
NNW	.6	.4	.2	.5	.1							1.8	7.7
VARBL		.1	.6	.6								1.3	10.8
CALM												16.4	
	26.2	16.1	16.2	18.6	5.3	.8	.4					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 637

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	3.8	2.9	2.5	.5	.1						14.7	5.6
NNE	3.6	2.4	1.3	.1								7.5	4.3
NE	1.3	2.2	2.0	.7								5.2	6.2
ENE	1.9	1.1	.6	.1	.2							3.9	5.3
E	.4	.5	.1									1.4	3.7
ESE	.5	.1										.6	2.5
SE	.1	.1	.4									.6	5.5
SSE	.7	.4	.1	.2								1.4	5.1
S	.5	1.3	.4	.6	.2							3.3	6.9
SSW	1.4	1.4	2.0	1.2	.1							5.2	7.1
SW	1.4	1.9	2.0	2.0	.4							7.6	8.3
WSW	1.6	1.0	1.8	2.3	1.1	.2						7.9	10.3
W	.7	.4	1.1	1.2	.4							3.7	10.0
WNW	.2	.4	.8	.6	.1							2.2	9.1
NW	1.3	.4	.1		.1							1.9	4.6
NNW	1.3	1.2	.1	.4	.1							3.1	5.5
VARBL		.1	.1		.1							.4	11.0
CALM												27.1	
	22.9	15.4	15.9	11.9	3.2	.5						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] THROUGH [illegible] — STATION / STATION NAME

77-81 — YEARS

DEC — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	2.	1.2								8.4	5.4
NNE	4.9	5.2	1.3	.4	.1	.2						12.7	4.9
NE	3.6	3.5	1.4	.6								9.1	4.5
ENE	1.5	1.5	.7	.2								4.7	4.
E	1.7	.2		.1								2.0	3.9
ESE	.4	.4	.2									1.3	4.3
SE	.3	.4	.1									.6	4.2
SSE	.2	.1	.4	.2								1.0	6.5
S	.5	1.1	.5	.6	.1							2.9	7.3
SSW	1.2	1.1	2.4	.7	.2							5.7	7.3
SW	.7	1.5	2.5	1.3	.2							5.7	8.9
WSW	.5	1.7	1.7	1.7	.6							6.1	9.4
W	.7	.5	.7	.7	.2							2.9	8.3
WNW	.5	.1	.2		.1							1.0	6.6
NW	.5	.2	.1	.1								1.0	4.6
NNW	1.4	.7	.1	.6								2.9	5.6
VARBL			.6	.1	.1							.8	10.6
CALM												7.7	
	22.6	21.0	15.1	8.6	1.8	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: TORREJON AB SP YEARS: 73-81 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION:

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	1.3	1.4	1.3	.4	.2	.1					.1	[illegible]
NNE	3.1	2.8	1.1	.5	.2	.1	.2					.1	[illegible]
NE	3.3	2.4	1.6	1.1	.2	.2						.5	[illegible]
ENE	2.5	1.7	.9	.6	.1							5.4	[illegible]
E	1.7	.9	.2	.2								.1	[illegible]
ESE	.6	.4	.1									.1	[illegible]
SE	.4	.2	.1									.7	.4
SSE	.6	.5	.3	.2								1.5	5.7
S	1.4	1.2	1.1	.7	.2	.1						4.7	7.1
SSW	1.5	1.5	2.3	1.4	.3	.2	.2					.1	7.5
SW	1.1	1.4	1.9	1.7	.2	.2	.2	.0				7.4	8.5
WSW	1.3	.3	1.6	2.6	.9	.1						7.1	10.3
W	.7	.4	.7	1.0	.4	.2						3.2	9.7
WNW	.4	.2	.4	.4	.2	.2						.5	11.2
NW	.5	.2	.1	.1	.2	.2						1.2	[illegible]
NNW	.2	.1	.1	.2	.1							1.3	9.4
VARBL	.2	.2	.3	.2	.1	.0						.5	11.3
CALM												23.9	
	24.3	16.4	14.2	12.2	3.1	.5	.1	.0				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 4696

USAFETAC FORM JUL 64 5444 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-81 MONTH: ALL

CLASS: ALL WEATHER HOURS: ALL

CONDITION:

DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.5	.1	[illegible]					.4	7.1
NNE	[illegible]	2.[illegible]	1.[illegible]	.6	.1	[illegible]	[illegible]					[illegible]	[illegible]
NE	[illegible]	2.4	1.6	.9	.1	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	1.[illegible]	.5	.1	[illegible]						[illegible]	[illegible]
E	[illegible]	1.[illegible]	.4	.1	[illegible]							[illegible]	4.[illegible]
ESE	.[illegible]	[illegible]	.1	.0	.0							1.5	3.5
SE	.[illegible]	.4	.[illegible]	.1	[illegible]	[illegible]						1.2	4.6
SSE	[illegible]	[illegible]	.3	.2	[illegible]	[illegible]						.1	5.1
S	1.[illegible]	1.7	1.[illegible]	.8	.1	[illegible]						4.7	5.5
SSW	1.5	2.1	1.7	.7	.1	[illegible]	[illegible]					.1	[illegible]
SW	1.2	[illegible]	1.[illegible]	1.1	.1	[illegible]	[illegible]	[illegible]				[illegible]	7.1
WSW	.2	1.[illegible]	1.6	1.2	[illegible]	[illegible]						.7	[illegible]
W	.1	1.[illegible]	1.1	.7	.1	[illegible]	[illegible]	[illegible]				[illegible]	7.[illegible]
WNW	.[illegible]	[illegible]	.5	.4	.1	[illegible]						[illegible]	[illegible]
NW	.[illegible]	[illegible]	.[illegible]	.2	[illegible]	[illegible]						1.[illegible]	[illegible]
NNW	1.1	[illegible]	.[illegible]	.8	.1	[illegible]	[illegible]					[illegible]	[illegible]
VARBL	.1	.4	2.6	1.[illegible]	.1	[illegible]	[illegible]					4.3	[illegible]
CALM												[illegible]	
	[illegible]	22.2	17.7	5.8	1.6	.3	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] JOHN A. [illegible] — STATION — STATION NAME

77-81 — YEARS

ALL — MONTH

INSTRUMENT — CLASS

ALL — HOURS (LST)

CIG [illegible] TO 1400 FT W/ VSBY 1/2 MI OR MORE, — CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG [illegible] FT OR MORE

SPEED KNTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].2	.7	[illegible]									[illegible]	[illegible].7
NNE	[illegible].4	[illegible]	.1	.1								[illegible]	[illegible].1
NE	.3	.5		.2	[illegible]							[illegible].7	4.[illegible]
ENE	1.7	.5	.2	.1	[illegible]							[illegible].5	[illegible]
E	1.2	.6	.1									1.[illegible]	[illegible].4
ESE	1.[illegible]	[illegible]			[illegible]							1.5	[illegible]
SE	.5	.1										.4	2.[illegible]
SSE	.7	.4	.2	.1								1.2	4.1
S	[illegible]	[illegible]	1.7	.5	.1							[illegible].3	[illegible]
SSW	[illegible].6	5.[illegible]	[illegible].5	[illegible].7	.1	[illegible]						1[illegible].[illegible]	7.1
SW	1.7	3.7	[illegible].1	[illegible].2	[illegible]							1[illegible].3	[illegible]
WSW	[illegible].2	1.[illegible]	[illegible].6	[illegible].3	.5							[illegible].3	7.[illegible]
W	1.1	.4	.5	.6								[illegible].6	[illegible].6
WNW	.1	.7	.2	[illegible]		[illegible]						[illegible]	7.8
NW	.4	[illegible]	[illegible]		[illegible]							.5	4.[illegible]
NNW	.6	[illegible]	[illegible]									1.1	2.[illegible]
VARBL			.4	.2	[illegible]							.6	1[illegible].
CALM												21.7	
	[illegible].7	17.7	16.6	9.9	1.3	.1						1[illegible].3	4.3

TOTAL NUMBER OF OBSERVATIONS [illegible]453

[illegible] FORM JUL 64 [illegible]

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

CEILING VERSUS VISIBILITY

[illegible]

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	57.7	56.5	57.3	57.1	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.7
[illegible]	57.1	[illegible]	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.7
[illegible]	57.4	60.7	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.5	[illegible]	[illegible]
[illegible]	57.4	60.7	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.6	61.6	[illegible]	61.5	[illegible]
[illegible]	57.4	[illegible]	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.5	[illegible]
[illegible]	57.5	[illegible]	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	[illegible]
[illegible]	57.7	61.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	[illegible]
57.3	57.8	61.1	61.6	61.6	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	[illegible]
61.3	63.3	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	[illegible]
66.7	66.8	[illegible]	[illegible]	[illegible]	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.3
[illegible]	67.2	[illegible]	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.8	71.8	[illegible]
[illegible]	67.2	[illegible]	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	[illegible]
68.8	67.3	71.3	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	[illegible]
[illegible]	68.2	71.9	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	[illegible]
[illegible]	69.6	77.3	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.5
[illegible]	74.2	79.3	79.7	80.1	80.4	80.4	80.4	80.5	80.5	80.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77.3	[illegible]	[illegible]	83.4	83.7	83.7	83.7	83.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	80.2	85.5	86.2	86.6	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	[illegible]	87.4
79.3	80.6	85.8	86.6	87.0	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.9
[illegible]	83.3	88.4	89.2	89.5	90.2	90.2	90.2	90.3	90.3	90.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	84.2	89.9	[illegible]	91.1	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.1	[illegible]	[illegible]
[illegible]	84.7	[illegible]	91.6	92.0	92.6	92.7	92.7	92.9	92.9	93.0	93.0	93.0	[illegible]	[illegible]
83.7	85.1	91.3	92.1	92.5	93.1	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.8
[illegible]	[illegible]	91.7	92.5	92.9	93.5	93.6	93.6	93.8	93.8	93.9	93.9	93.9	93.9	94.1
84.8	85.7	93.4	94.1	94.5	95.2	95.3	95.3	95.4	95.4	95.5	95.5	95.5	[illegible]	[illegible]
84.8	86.4	94.0	94.8	95.2	95.8	95.9	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.4
84.8	86.4	94.9	95.7	96.0	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.4
84.8	86.4	94.9	95.7	96.2	96.8	97.1	97.3	97.6	97.6	97.7	97.7	97.7	97.7	98.0
84.8	86.4	94.9	95.8	96.3	97.3	97.6	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.7
84.8	86.4	94.9	95.8	96.3	97.3	97.6	97.8	98.2	98.2	98.3	98.3	98.5	98.5	99.1
84.8	86.4	94.9	95.8	96.3	97.3	97.6	97.8	98.2	98.2	98.3	98.3	98.5	98.6	99.9
84.8	86.4	94.9	95.8	96.3	97.3	97.6	97.8	98.2	98.2	98.3	98.3	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 784

[illegible]

2

CEILING VERSUS VISIBILITY

[illegible] CLIMATOLOGY BRANCH
[illegible]

[illegible] 70-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	54.4	55.4	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
[illegible]	55.5	58.6	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
55.4	56.5	58.5	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
[illegible]	56.5	58.5	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
55.4	56.5	58.5	59.6	59.6	59.7	59.8	59.9	59.9	59.8	59.8	59.8	59.8	59.8	59.8	59.9
[illegible]	56.5	58.5	59.6	[illegible]	[illegible]	59.8	[illegible]	[illegible]	59.8	59.8	[illegible]	59.8	[illegible]	[illegible]	[illegible]
55.7	56.9	58.9	[illegible]	[illegible]	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
56.4	57.5	59.6	[illegible]	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
61.1	62.7	64.8	66.1	66.1	66.2	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
63.[illegible]	67.1	67.9	69.1	69.1	69.3	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.[illegible]
65.3	66.9	69.3	[illegible]	70.5	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
65.3	66.5	69.3	70.5	70.5	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
65.3	66.5	69.3	70.5	70.5	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
65.3	66.5	69.3	70.5	70.5	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
65.3	67.[illegible]	[illegible]	71.6	71.6	71.7	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
67.8	71.2	75.5	76.8	76.8	76.9	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
71.9	73.3	77.7	79.0	79.3	79.1	79.7	79.8	80.0	80.0	80.3	80.1	80.1	80.1	80.1	80.2
74.2	75.6	80.6	81.9	81.9	82.3	82.9	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4
74.7	76.3	81.3	82.5	82.5	82.9	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.1
76.7	8[illegible]	[illegible]	86.9	86.9	87.2	88.0	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5
[illegible]	82.1	87.9	89.2	89.2	89.5	90.3	90.4	90.6	90.6	90.6	90.7	90.7	90.7	[illegible]	[illegible]
81.4	82.9	88.6	89.9	89.9	90.3	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.8	[illegible]
81.6	83.2	89.0	90.3	90.3	90.7	91.6	91.7	92.0	92.0	92.3	92.1	92.1	92.1	92.2	[illegible]
82.3	83.4	89.7	91.0	91.0	91.3	92.2	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.9	[illegible]
[illegible]	84.1	90.6	91.8	91.8	92.2	93.1	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.8	[illegible]
82.9	84.4	91.3	92.6	92.6	93.1	94.0	94.1	94.6	94.6	94.6	94.8	94.8	94.9	95.[illegible]	[illegible]
83.0	84.8	91.6	93.1	93.1	93.8	94.6	94.8	95.3	95.3	95.3	95.5	95.5	95.7	95.8	[illegible]
83.1	84.6	91.6	93.1	93.1	93.9	94.8	94.9	95.4	95.4	95.4	95.7	95.7	95.8	95.9	[illegible]
83.3	84.6	91.7	93.4	93.4	94.4	95.7	96.0	96.8	96.9	96.9	97.2	97.2	97.3	97.4	[illegible]
83.3	84.6	91.7	93.4	93.4	94.4	95.7	96.[illegible]	96.9	97.1	97.2	97.6	97.7	98.0	98.1	[illegible]
83.3	84.6	91.7	93.4	93.4	94.4	95.7	96.[illegible]	96.9	97.1	97.2	97.6	97.8	98.5	98.9	[illegible]
83.3	84.6	91.7	93.4	93.4	94.4	95.7	96.0	96.9	97.1	97.2	97.6	98.3	99.[illegible]	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 784

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TYPHOON AB SP [illegible] 73-81 [illegible] JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible] 53.2 54.7 55.2 55.2 55.6 56.0 56.1 56.1 56.1 56.1 56.2 56.2 56.2 56.2
[illegible] 55.1 56.7 57.4 57.4 57.8 58.1 58.2 58.3 58.3 58.3 58.4 58.4 58.4 58.4
54.1 55.1 57.0 57.6 57.6 58.0 58.4 58.4 58.5 58.5 58.5 58.6 58.6 58.6 58.6
54.1 55.1 57.0 57.6 57.6 58.0 58.4 58.4 58.5 58.5 58.5 58.6 58.6 58.6 58.6
54.1 55.1 57.0 57.6 57.6 58.0 58.4 58.4 58.5 58.5 58.5 58.6 58.6 58.6 58.6
54.2 55.2 57.1 57.8 57.8 58.1 58.5 58.5 58.6 58.6 58.6 58.8 58.8 58.8 58.8
54.5 55.5 57.3 58.3 58.3 58.6 59.1 59.1 59.3 59.3 59.3 59.4 59.4 59.4 59.4
55.1 56.1 58.1 58.9 58.9 59.3 59.8 59.9 59.9 59.9 59.9 60.0 60.0 60.0 60.0
56.9 59.9 62.0 63.1 63.1 63.4 63.9 63.9 64.1 64.1 64.1 64.2 64.2 64.2 64.2
62.2 63.3 65.7 66.7 66.7 67.1 67.6 67.6 67.7 67.7 67.7 67.8 67.8 67.8 67.8
63.1 64.1 66.5 67.5 67.5 67.8 68.3 68.3 68.5 68.5 68.5 68.6 68.6 68.6 68.6
63.1 64.2 66.6 67.6 67.6 68.0 68.5 68.5 68.6 68.6 68.6 68.7 68.7 68.7 68.7
63.1 64.2 66.6 67.6 67.6 68.0 68.5 68.5 68.6 68.6 68.6 68.7 68.7 68.7 68.7
63.1 64.2 66.6 67.7 67.7 68.1 68.6 68.6 68.7 68.7 68.7 68.9 68.9 68.9 68.9
64.3 65.4 68.0 69.1 69.1 69.5 70.0 70.1 70.1 70.1 70.1 70.2 70.2 70.2 70.2
[illegible] 69.6 72.4 73.6 73.6 74.0 74.5 74.5 74.7 74.7 74.7 74.8 74.8 74.8 74.8
69.9 71.2 74.5 76.0 76.0 76.4 76.9 76.9 77.0 77.0 77.0 77.2 77.6 77.6 77.6
70.9 72.3 76.0 77.6 77.6 77.9 78.4 78.4 78.6 78.6 78.6 78.7 79.2 79.2 79.2
71.4 72.8 76.5 78.1 78.1 78.4 78.9 78.9 79.1 79.1 79.1 79.2 79.7 79.7 79.7
73.6 75.0 78.9 80.5 80.5 80.8 81.3 81.3 81.5 81.5 81.5 81.6 82.1 82.1 82.1
74.3 75.4 81.7 82.2 82.2 82.6 83.1 83.1 83.2 83.2 83.2 83.4 83.9 83.9 83.9
76.5 78.2 83.2 84.7 84.7 85.4 85.9 85.9 86.1 86.1 86.1 86.3 86.8 86.8 86.8
77.2 78.3 84.0 85.6 85.6 86.3 86.8 86.8 87.0 87.0 87.0 87.1 87.6 87.8 87.8
77.7 79.3 85.1 86.8 86.8 87.4 87.9 87.9 88.1 88.1 88.1 88.3 88.8 88.9 88.9
77.6 80.2 86.4 88.0 88.0 88.7 89.2 89.2 89.4 89.4 89.4 89.5 90.0 90.3 90.3
78.7 80.8 86.6 88.4 88.4 89.2 89.7 89.7 89.9 89.9 89.9 90.0 90.5 90.8 90.8
77.2 81.0 87.9 89.8 89.8 90.8 91.3 91.3 91.7 91.7 91.7 91.8 92.3 92.6 92.7
78.2 81.2 89.3 91.2 91.3 92.6 93.1 93.1 93.6 93.7 93.7 93.8 94.3 94.6 94.7
78.2 81.2 89.5 91.4 91.5 92.9 93.6 93.6 94.1 94.2 94.3 94.5 95.1 95.2 95.3
78.2 81.2 89.5 91.4 91.6 92.9 93.7 93.7 94.5 94.7 95.0 95.3 96.2 96.6 96.7
78.2 81.2 89.5 91.4 91.6 93.1 93.8 93.8 94.7 95.1 95.2 95.7 96.6 97.1 96.3
78.2 81.2 89.5 91.4 91.6 93.1 93.9 93.9 94.8 95.2 95.6 96.1 97.2 98.41 [illegible]

TOTAL NUMBER OF OBSERVATIONS 793

2

AF CLIMATOLOGY BRANCH
ATC
[illegible]

CEILING VERSUS VISIBILITY

[illegible] 73-61 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	47.1	49.1	50.1	50.1	50.6	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9
51.0	51.1	54.3	55.6	55.6	56.3	56.4	56.4	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7
51.2	51.1	54.5	55.7	55.7	56.4	56.5	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8
51.2	51.3	54.5	55.7	55.7	56.4	56.5	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8
51.2	51.4	54.5	55.7	55.7	56.4	56.5	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8
51.4	52.1	54.7	55.9	55.9	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0
51.4	52.1	54.7	55.9	55.9	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0
[illegible]	52.3	54.8	56.1	56.1	56.8	56.9	56.9	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
56.2	56.3	59.5	61.8	61.8	61.6	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2
57.3	58.5	62.1	63.4	63.4	64.1	64.7	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1
57.6	58.9	62.4	63.8	63.8	64.6	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6
57.6	58.9	62.4	63.8	63.8	64.6	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6
57.8	59.1	62.5	63.9	63.9	64.7	65.4	65.[illegible]	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7
[illegible].1	59.2	63.0	64.5	64.5	65.4	66.0	66.1	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5
[illegible].9	62.1	64.1	65.5	65.5	66.3	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4
64.1	65.4	69.8	71.4	71.4	72.3	72.9	73.2	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6
[illegible].1	67.1	72.2	73.8	73.8	74.8	75.4	76.[illegible]	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4
[illegible].3	7[illegible].1	75.2	76.9	76.9	78.[illegible]	78.7	79.[illegible]	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7
[illegible].8	77.5	79.8	77.6	77.6	78.7	79.4	80.[illegible]	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4
7[illegible].1	72.1	77.6	80.0	80.1	81.2	81.9	82.5	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9
71.1	73.3	79.6	82.3	82.3	83.5	84.2	84.8	84.9	85.1	85.1	85.2	85.6	85.6	85.6	85.6
[illegible].1	74.3	81.3	84.0	84.1	85.4	86.4	87.1	87.3	87.5	87.5	87.6	88.0	88.0	88.0	88.0
72.7	74.9	82.1	84.7	84.9	86.4	87.4	88.1	88.2	88.[illegible]	88.5	88.6	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]
73.2	75.5	82.7	85.6	85.8	87.3	88.2	89.[illegible]	89.1	89.4	89.5	89.6	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]
73.3	75.6	83.1	86.0	86.4	88.1	89.1	90.[illegible]	90.5	91.7	91.8	91.1	91.4	91.4	91.4	91.4
73.4	75.9	83.7	86.7	87.0	88.9	90.0	90.9	91.4	91.7	91.8	92.0	92.4	92.4	92.4	92.4
73.4	75.3	84.5	87.4	87.8	90.1	91.3	92.3	93.1	93.4	93.5	93.8	94.1	94.1	94.1	94.1
73.4	75.9	84.5	87.4	87.8	90.2	91.7	92.6	94.[illegible]	94.4	94.5	94.9	95.2	95.2	95.3	95.3
73.4	75.9	84.5	87.4	87.8	90.2	91.9	93.7	94.9	95.3	95.6	96.7	96.7	96.3	96.6	96.6
73.4	75.9	84.5	87.4	87.8	90.2	92.0	93.5	95.2	95.7	96.[illegible]	96.3	97.2	97.3	97.7	97.7
73.4	75.9	84.5	87.4	87.8	90.2	92.0	93.9	95.2	95.7	96.1	96.5	97.4	97.6	99.1	99.1
73.4	75.9	84.5	87.4	87.8	90.2	92.0	93.9	95.3	95.[illegible]	96.2	96.6	97.6	97.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 817

[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

47.9	48.3	49.6	50.1	50.1	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	[illegible]
53.1	53.9	55.7	56.2	56.2	56.8	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
53.8	54.8	56.6	57.1	57.1	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
53.8	54.8	56.6	57.1	57.1	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
53.9	54.9	56.7	57.2	57.2	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
53.9	54.9	56.7	57.2	57.2	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
54.3	55.3	57.1	57.6	57.6	58.2	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
56.4	56.4	58.2	58.7	58.7	59.3	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
59.7	60.7	62.5	63.0	63.0	63.6	63.8	63.8	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1
61.4	63.1	65.3	65.8	65.8	66.5	66.7	66.7	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0
62.7	63.4	66.2	66.6	66.6	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8
62.2	63.7	66.3	66.9	66.9	67.6	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1
62.8	64.3	66.9	67.5	67.5	68.2	68.5	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7
63.7	65.2	67.7	68.3	68.3	69.1	69.4	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	[illegible]
70.3	66.9	69.4	70.0	70.0	70.8	71.1	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6
71.2	72.0	75.1	75.8	75.8	76.7	77.0	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5
72.1	74.7	77.3	78.1	78.1	79.0	79.3	79.6	79.7	79.8	79.8	80.1	80.1	80.1	80.1	80.1
[illegible].4	77.9	81.7	82.5	82.5	83.4	83.7	84.0	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5
75.8	78.7	82.0	82.9	82.9	83.7	84.1	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8
78.4	81.8	85.3	86.7	86.7	87.5	87.9	88.1	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6
79.5	82.2	86.8	88.1	88.1	89.1	89.5	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2
[illegible].1	82.8	88.1	90.1	90.1	91.2	91.7	91.9	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5
80.3	83.1	88.6	91.7	91.7	92.1	92.7	92.7	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5
[illegible].3	83.1	88.9	91.6	91.6	92.8	93.4	93.8	94.0	94.1	94.1	94.4	94.4	94.4	94.4	94.4
80.3	83.1	90.0	92.9	92.9	94.3	95.0	95.4	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1
80.4	83.3	90.3	93.5	93.5	95.0	95.8	96.2	96.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2
80.4	83.3	90.5	93.6	93.6	95.4	96.3	96.8	97.4	97.7	97.7	97.9	97.9	97.9	97.9	97.9
[illegible].4	83.3	90.5	93.6	93.6	95.6	96.6	97.3	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8
80.4	83.3	90.5	93.6	93.6	95.6	96.6	97.4	98.2	98.5	98.7	98.9	98.9	98.9	98.9	98.9
80.4	83.3	90.5	93.6	93.6	95.6	96.6	97.4	98.3	98.9	99.0	99.4	99.5	99.5	99.5	99.5
80.4	83.3	90.5	93.6	93.6	95.6	96.6	97.4	98.3	98.9	99.0	99.4	99.5	99.6	99.6	99.6
80.4	83.3	90.5	93.6	93.6	95.6	96.6	97.4	98.3	98.9	99.0	99.4	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 818

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP   70-81   JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

HRS (LST) 1500-1700

[illegible]	[illegible]	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
53.9	59.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	[illegible]	[illegible]	60.9	[illegible]
60.2	60.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
60.2	60.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
60.2	60.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
60.5	[illegible]	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
60.7	61.4	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
63.1	63.9	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
65.1	65.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
68.8	70.7	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
70.0	71.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
71.3	72.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
71.8	72.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
72.7	73.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
74.3	75.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
79.9	81.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
83.2	84.5	87.2	87.3	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	[illegible]	89.4	89.5	89.5	89.7	89.8	90.0	90.0	[illegible]	90.0	[illegible]	[illegible]	[illegible]	[illegible]
85.4	87.1	90.1	90.3	90.3	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
87.8	89.5	93.2	93.4	93.4	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
[illegible]	90.4	94.0	94.4	94.4	94.5	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	91.1	95.1	95.6	95.6	95.7	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	91.2	95.6	96.2	96.2	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
89.1	91.2	95.7	96.4	96.5	96.8	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
89.1	91.2	96.0	96.7	97.0	97.4	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
89.1	91.2	96.0	96.8	97.1	97.7	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
89.1	91.2	96.0	96.8	97.2	97.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
89.1	91.2	96.0	96.8	97.2	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.1	91.2	96.0	96.8	97.2	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.1	91.2	96.0	96.8	97.2	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.1	91.2	96.0	96.8	97.2	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.1	91.2	96.0	96.8	97.2	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 620

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 70-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	51.2	52.8	[illegible]	52.8	52.8	52.9	53.0	53.0	53.0	53.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	[illegible]
57.5	58.4	[illegible]	[illegible]	60.0	60.2	60.3	60.5	60.7	[illegible]	60.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57.5	58.4	[illegible]	[illegible]	[illegible]	60.2	60.3	[illegible]	60.7	60.7	60.7	60.7	60.7	60.7	[illegible]	[illegible]
57.7	58.7	[illegible]	[illegible]	60.3	60.4	60.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.9	60.9	[illegible]
[illegible]	59.1	[illegible]	[illegible]	[illegible]	60.8	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	[illegible]
58.8	59.8	61.4	[illegible]	61.4	61.5	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	[illegible]
[illegible]	61.0	[illegible]	[illegible]	[illegible]	63.0	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	[illegible]
64.1	65.1	67.4	67.6	67.6	67.7	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	[illegible]
67.9	69.1	71.5	71.8	71.8	71.9	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	[illegible]
[illegible]	69.7	72.3	72.5	72.5	72.6	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	[illegible]
[illegible]	70.0	72.6	72.9	72.9	73.0	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	[illegible]
[illegible]	70.2	72.9	73.1	73.1	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	[illegible]
[illegible]	[illegible]	73.6	74.0	74.0	74.1	74.2	74.5	74.6	[illegible]	74.6	74.6	[illegible]	74.6	74.6	[illegible]
71.1	72.3	75.5	75.8	75.8	76.0	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	[illegible]
77.1	78.3	82.3	82.6	82.6	82.7	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	[illegible]
79.7	81.7	85.5	86.1	86.2	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	[illegible]
82.5	84.1	89.3	[illegible]	90.1	90.3	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91.0	91.1	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
84.3	86.3	91.9	92.7	92.8	93.0	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	[illegible]
85.5	87.4	93.3	94.3	94.5	94.7	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	87.9	94.6	95.6	95.7	96.1	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	88.4	95.4	96.4	96.5	97.2	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	88.7	95.8	96.9	97.0	97.7	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	88.3	96.1	97.3	97.4	98.0	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]
[illegible]	88.3	96.2	97.4	97.5	98.2	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
86.7	88.8	96.3	97.5	97.7	98.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
86.7	88.8	96.3	97.5	97.7	98.3	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
86.7	88.8	96.3	97.5	97.7	98.3	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	96.3	97.5	97.7	98.3	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
86.7	88.8	96.3	97.5	97.7	98.3	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
86.7	88.8	96.3	97.5	97.7	98.3	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 611

[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	57.3	56.8	[illegible]	56.[illegible]	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	[illegible]
[illegible]	57.6	[illegible]	[illegible]	[illegible]	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	[illegible]	[illegible]	[illegible]
5[illegible].7	5[illegible].3	[illegible]	[illegible]	[illegible]	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	[illegible]
5[illegible].7	59.3	[illegible]	[illegible]	[illegible]	61.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
[illegible].1	59.7	[illegible]	61.1	61.1	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6
77.7	59.3	[illegible]	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	[illegible]
[illegible].1	5[illegible].7	[illegible]	57.1	[illegible]	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6
[illegible]	65.7	66.2	66.3	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	[illegible]
[illegible]	7[illegible].1	73.2	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9
[illegible]	7[illegible].1	73.6	73.6	73.6	73.9	73.9	74.	74.1	74.	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	7[illegible].3	73.7	73.9	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
[illegible].3	71.2	74.6	74.7	74.7	75.2	75.3	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	[illegible]
71.7	77.3	77.3	77.4	77.4	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.[illegible]	79.[illegible]	78.[illegible]	
76.5	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	81.3	[illegible]	86.1	86.1	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	[illegible]
[illegible]	86.	[illegible]	[illegible]	[illegible]	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	[illegible]
[illegible]	86.6	[illegible]	91.9	91.9	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	[illegible]
[illegible]	87.4	[illegible]	[illegible]	[illegible]	[illegible]	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6	[illegible]	
[illegible]	89.4	[illegible]	[illegible]	[illegible]	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.	
[illegible]	89.4	[illegible]	[illegible]	96.3	97.2	97.5	97.7	97.9	97.9	97.9	97.9	98.[illegible]	98.[illegible]	[illegible]	
[illegible]	89.4	99.7	[illegible]	96.7	97.6	97.9	98.1	98.2	98.2	98.2	98.2	98.4	98.4	[illegible]	
[illegible]	89.4	99.7	96.7	96.7	97.6	97.9	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	97.3	97.9	98.2	98.5	98.9	99.	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	[illegible]	[illegible]	[illegible]	97.1	98.3	98.4	98.6	99.1	99.2	99.2	99.2	99.4	99.4	99.5	
[illegible]	[illegible]	[illegible]	[illegible]	97.2	98.2	98.5	98.9	99.5	99.6	99.6	99.6	99.9	99.9	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	97.2	98.2	98.6	98.9	99.5	99.6	99.6	99.6	99.9	99.9	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	99.6	99.9	99.9	[illegible]	

NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	51.[illegible]	[illegible]	[illegible]	55.7	54.[illegible]	54.1	54.[illegible]	54.2	54.2	54.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
55.1	55.1	55.2	55.7	56.7	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3
55.7	59.6	59.8	59.3	59.3	59.6	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9
55.7	56.6	58.8	59.3	59.3	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	[illegible]
55.3	56.7	58.8	59.3	59.3	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]
[illegible]	58.7	59.0	59.5	59.5	59.8	59.9	60.[illegible]	60.0	60.1	60.1	60.1	60.1	60.1	[illegible]	[illegible]
55.3	57.7	[illegible]	[illegible]	59.9	[illegible]	60.4	60.4	60.5	60.5	60.5	60.5	60.5	[illegible]	[illegible]	[illegible]
57.1	58.1	60.3	60.8	60.8	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	[illegible]
61.1	62.2	64.7	65.4	65.4	65.7	65.9	65.9	66.0	66.[illegible]	66.0	66.1	66.1	66.1	66.1	[illegible]
64.5	65.6	68.4	69.0	69.0	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	[illegible]
65.3	66.5	69.3	69.9	69.9	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	[illegible]
65.4	66.6	69.4	70.1	70.1	70.4	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.[illegible]	
66.6	66.8	69.7	70.3	70.3	70.7	70.9	71.0	71.1	71.1	71.1	71.1	71.2	71.1	71.2	
66.2	67.3	70.3	71.0	71.0	71.4	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	
67.6	68.8	71.9	72.6	72.6	73.0	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	
72.4	73.8	77.4	78.3	78.4	78.7	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
74.8	76.3	80.3	81.2	81.2	81.7	81.9	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.5	
77.3	79.1	83.5	84.5	84.5	85.0	85.3	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.9	
77.7	79.[illegible]	84.1	85.1	85.2	85.6	86.0	86.2	86.3	86.3	86.3	86.4	86.5	86.5	86.[illegible]	
79.9	81.8	86.7	87.9	87.9	88.4	88.8	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.4	
81.1	83.1	88.3	89.5	89.6	90.2	90.6	90.8	90.9	91.0	91.0	91.0	91.2	91.2	91.2	
81.8	83.8	89.5	90.9	90.9	91.6	92.1	92.3	92.5	92.5	92.6	92.6	92.6	92.8	92.8	
82.2	84.3	90.2	91.6	91.7	92.4	92.9	93.2	93.3	93.4	93.4	93.5	93.6	93.6	93.6	
[illegible]	84.8	[illegible]	92.1	92.2	93.0	93.6	93.8	94.0	94.1	94.1	94.2	94.3	94.3	94.4	
82.8	84.9	91.4	93.0	93.1	93.9	94.5	94.8	95.0	95.1	95.1	95.2	95.3	95.4	95.4	
82.9	85.0	91.7	93.4	93.5	94.4	95.1	95.4	95.7	95.7	95.8	95.9	96.0	96.0	96.1	
83.0	85.1	92.2	93.8	94.0	95.1	95.8	96.2	96.6	96.6	96.7	96.8	96.9	96.9	97.0	
83.0	85.1	92.4	94.0	94.2	95.4	96.2	96.6	97.1	97.3	97.4	97.5	97.6	97.7	97.7	
83.0	85.1	92.4	94.1	94.3	95.6	96.5	96.9	97.6	97.8	97.9	98.0	98.1	98.2	98.3	
[illegible]	85.1	92.4	94.1	94.3	95.6	96.6	97.1	97.8	98.[illegible]	98.1	98.3	98.6	98.7	98.9	
83.0	85.1	92.4	94.1	94.3	95.6	96.6	97.1	97.8	98.1	98.2	98.4	98.7	98.9	99.4	
83.0	85.1	92.4	94.1	94.3	95.6	96.6	97.1	97.9	98.1	98.3	98.5	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 8421

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	55.4	55.8	56.3	56.8	56.8	56.8	[illegible]	[illegible]	[illegible]	55.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61.7	61.7	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	[illegible]	[illegible]
[illegible]	61.4	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	[illegible]	[illegible]
61.8	61.4	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	[illegible]	63.7	63.7	[illegible]	[illegible]	[illegible]	[illegible]
61.3	63.5	63.5	[illegible]	[illegible]	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	[illegible]	[illegible]	[illegible]
63.4	63.9	63.9	[illegible]	[illegible]	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	[illegible]	[illegible]
63.2	63.7	64.7	[illegible]	[illegible]	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	[illegible]	[illegible]
64.1	64.7	65.7	[illegible]	[illegible]	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	[illegible]	[illegible]
[illegible]	71.3	71.8	[illegible]	[illegible]	72.0	72.0	72.0	72.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74.5	75.3	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	[illegible]	[illegible]
76.2	76.8	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	[illegible]	[illegible]
76.2	76.8	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	[illegible]	[illegible]
76.5	77.1	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	[illegible]	[illegible]
77.1	77.8	79.7	[illegible]	[illegible]	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	[illegible]	[illegible]
79.4	79.9	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	[illegible]	81.7	[illegible]	[illegible]
84.6	85.2	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.8	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	[illegible]	88.6	[illegible]	[illegible]
89.5	89.1	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	[illegible]	[illegible]
[illegible]	89.8	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	[illegible]	[illegible]
90.9	91.[illegible]	[illegible]	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	93.1	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	[illegible]	[illegible]
[illegible]	93.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	[illegible]	[illegible]
[illegible]	94.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	[illegible]	[illegible]
[illegible]	94.1	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	[illegible]	[illegible]
[illegible]	94.4	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	[illegible]	[illegible]
[illegible]	94.4	96.6	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.5	97.8	[illegible]	[illegible]
93.7	94.4	96.6	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	[illegible]	[illegible]
93.7	94.4	96.6	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.[illegible]	98.1	[illegible]	[illegible]	[illegible]
93.7	94.5	96.7	97.9	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	[illegible]	[illegible]	[illegible]
[illegible]	94.5	96.7	97.9	98.1	98.5	98.8	98.8	99.0	99.2	99.3	99.3	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
93.7	94.5	96.7	97.9	9[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
93.7	94.5	96.7	97.9	98.1	98.5	98.8	98.8	99.0	99.2	99.3	99.3	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.6	[illegible]	56.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.3	57.3	57.3	[illegible]	57.3	57.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.5	[illegible]	65.0	[illegible]	65.2	[illegible]	65.2	[illegible]	65.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67.2	[illegible]	70.2	[illegible]	[illegible]	[illegible]	70.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71.3	71.3	71.5	71.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.6	[illegible]	[illegible]
[illegible]	[illegible]	71.3	71.8	71.8	71.9	72.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	73.3	73.3	73.4	73.6	[illegible]	73.6	[illegible]	[illegible]	[illegible]	73.7	73.7	[illegible]
71.3	72.2	74.4	74.8	74.8	75.0	75.2	75.2	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.1	81.5	[illegible]	[illegible]	81.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	84.1	[illegible]	84.3	84.4	84.4	84.4	84.4	84.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	84.3	[illegible]	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	[illegible]	[illegible]	[illegible]
[illegible]	84.6	[illegible]	87.5	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.4	90.5	90.5	[illegible]	90.5	90.5	[illegible]	90.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91.9	[illegible]	92.2	92.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	93.7	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	[illegible]
[illegible]	[illegible]	[illegible]	94.0	94.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	94.4	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	[illegible]
[illegible]	[illegible]	[illegible]	94.7	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
[illegible]	[illegible]	94.3	95.7	95.8	[illegible]	96.7	96.7	96.7	96.7	96.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.4	96.4	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	[illegible]
[illegible]	[illegible]	94.4	96.4	96.5	97.2	97.8	98.1	98.3	98.5	98.5	98.6	98.7	98.7	98.7
[illegible]	[illegible]	94.4	96.4	96.5	97.2	97.8	98.1	98.5	98.6	98.7	98.9	99.0	[illegible]	[illegible]
[illegible]	[illegible]	94.4	96.4	96.5	97.2	97.8	98.1	98.5	98.6	98.7	[illegible]	[illegible]	[illegible]	99.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 71

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	47.3	47.5	47.7	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	54.3	54.5	54.5	54.[illegible]	54.[illegible]	54.[illegible]	54.3	54.3	54.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	54.4	54.4	54.7	55.0	55.[illegible]	55.0	55.3	55.3	55.3	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	54.4	54.4	54.7	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	54.4	54.7	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	52.7	[illegible]	54.7	54.7	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	54.8	54.8	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.1	[illegible]	61.5	61.7	[illegible]	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	65.5	65.9	[illegible]	[illegible]	[illegible]	66.5	66.5	66.5	66.5	66.5	66.5	66.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	67.8	67.8	67.3	67.7	67.9	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.9	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.3	67.3	67.7	69.1	68.3	68.[illegible]	68.[illegible]	68.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.8	67.8	68.2	68.6	68.9	68.9	68.9	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	67.4	67.4	69.8	70.3	70.5	7[illegible]	70.5	70.[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.4	77.4	77.4	77.8	79.2	75.4	7[illegible].4	75.4	7[illegible]	7[illegible].4	7[illegible].4	7[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7[illegible]	[illegible]	7[illegible].4	7[illegible].4	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77.5	[illegible]	[illegible]	[illegible]	81.3	81.7	82.0	[illegible]	[illegible]	[illegible]	82.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77.9	81.3	81.3	[illegible]	82.1	82.4	[illegible]	82.4	82.4	82.4	82.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.9	86.4	86.3	86.[illegible]	86.[illegible]	86.4	86.[illegible]	86.[illegible]	86.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.4	89.1	89.5	89.[illegible]	89.5	89.[illegible]	89.5	89.5	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.5	92.2	92.[illegible]	92.[illegible]	[illegible]	92.[illegible]	92.[illegible]	92.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	85.[illegible]	91.5	91.1	91.4	[illegible]	92.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.3	91.8	92.2	93.[illegible]	93.5	93.[illegible]	93.6	93.5	93.5	93.5	93.6	93.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.6	93.[illegible]	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.4	95.[illegible]	[illegible]	95.1	[illegible]	[illegible]	95.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	94.7	94.7	95.4	95.9	95.9	96.[illegible]	[illegible]	96.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]	96.3	96.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	85.4	[illegible]	[illegible]	94.3	95.6	96.5	96.[illegible]	96.7	[illegible]	96.7	96.7	96.7	96.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	85.4	[illegible]	[illegible]	94.3	95.6	96.5	96.6	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	85.4	[illegible]	[illegible]	94.3	95.6	96.6	96.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	41.3	42.5	42.6	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	[illegible]
[illegible]	47.3	48.8	50.0	50.0	[illegible]	50.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.7	49.3	50.5	50.5	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	[illegible]	[illegible]
[illegible]	47.9	49.3	50.5	50.5	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	[illegible]	[illegible]
[illegible]	47.9	49.3	50.5	50.5	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	[illegible]	[illegible]
47.5	[illegible]	[illegible]	51.2	51.2	51.7	51.9	51.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.7	[illegible]	[illegible]	51.5	51.5	[illegible]	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	[illegible]	[illegible]	52.9	52.8	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	[illegible]
[illegible]	54.4	56.1	57.8	57.8	[illegible]	58.5	58.9	58.9	[illegible]	58.8	58.8	[illegible]	58.8	[illegible]
[illegible]	[illegible]	60.2	62.0	62.0	63.0	63.3	63.3	63.6	[illegible]	63.6	63.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	62.4	[illegible]	63.4	63.7	63.7	[illegible]	[illegible]	64.0	64.0	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.3	63.0	63.0	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	[illegible]	[illegible]
[illegible]	[illegible]	61.3	63.0	63.0	64.1	64.4	64.4	64.6	64.6	64.6	64.6	[illegible]	[illegible]	[illegible]
[illegible]	59.8	62.4	64.1	64.1	65.2	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	[illegible]
[illegible]	61.6	64.1	65.8	65.8	66.9	67.2	67.7	67.4	67.4	67.4	67.4	67.4	67.4	[illegible]
[illegible]	[illegible]	69.9	71.8	71.8	72.9	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	[illegible]
[illegible]	67.8	[illegible]	[illegible]	[illegible]	76.1	76.3	76.3	76.6	76.6	75.5	76.6	[illegible]	[illegible]	76.7
[illegible]	[illegible]	[illegible]	78.9	78.9	79.9	80.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.4	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	82.7	82.7	[illegible]	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	[illegible]
75.7	77.9	[illegible]	85.4	85.4	86.6	86.8	86.8	87.4	87.4	87.4	87.4	87.4	87.4	[illegible]
[illegible]	[illegible]	85.8	87.9	[illegible]	89.1	89.5	89.5	[illegible]	[illegible]	90.0	90.0	[illegible]	[illegible]	[illegible]
77.7	[illegible]	88.7	89.0	89.0	90.4	90.6	[illegible]	91.4	91.4	91.4	91.4	91.4	91.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	90.0	[illegible]	91.9	91.9	92.4	92.4	[illegible]	92.6	92.6	[illegible]	[illegible]
[illegible]	81.4	[illegible]	[illegible]	[illegible]	92.4	93.0	[illegible]	93.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	81.5	89.1	[illegible]	92.0	94.1	94.7	94.7	95.2	95.2	95.3	95.3	95.3	95.3	[illegible]
[illegible]	81.5	[illegible]	93.0	93.0	95.2	96.0	96.0	96.5	96.5	96.7	96.7	96.7	96.7	[illegible]
[illegible]	81.5	89.9	93.0	93.0	95.3	96.1	96.1	96.7	96.7	[illegible]	96.8	[illegible]	96.8	[illegible]
[illegible]	81.5	89.9	93.0	93.0	95.3	96.1	96.1	96.6	96.9	97.1	97.2	97.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	93.0	[illegible]	96.1	[illegible]	[illegible]	96.9	97.2	97.6	98.0	98.3	98.9
79.7	81.5	89.9	93.0	93.0	95.3	96.1	96.1	96.8	[illegible]	97.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	93.1	93.1	95.5	96.3	96.3	[illegible]	97.1	97.3	97.7	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CLIMATOLOGY BRANCH
[illegible]
[illegible]

CEILING VERSUS VISIBILITY

[illegible] 75-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

41.0	42.3	43.5	43.5	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.	43.8	4[illegible]
51.1	52.6	53.4	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.[illegible]
51.1	53.1	54.1	54.3	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.[illegible]
51.1	53.1	54.1	54.3	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.[illegible]
[illegible]	53.1	54.1	54.3	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.[illegible]
52.9	54.2	55.1	55.4	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
53.3	55.1	56.1	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
54.7	56.1	57.0	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.
[illegible]	60.5	61.7	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	[illegible]
[illegible]	63.4	64.7	65.0	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
62.1	63.5	65.1	65.4	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
62.1	63.6	65.1	65.4	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
62.1	63.6	65.1	65.4	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
63.3	65.4	66.3	67.1	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
64.4	66.7	67.5	67.8	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
71.9	73.6	75.5	75.9	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
76.3	78.1	80.4	81.0	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
81.5	83.3	86.3	86.8	86.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
82.2	84.4	87.1	87.6	87.6	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
84.4	87.1	90.4	90.9	90.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	[illegible]	92.7	93.2	93.2	93.9	94.0	94.	94.	94.	94.0	94.0	94.	94.	94.
87.1	90.1	94.4	94.9	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
87.4	90.5	95.1	95.6	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
87.7	91.1	95.9	96.4	96.4	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.
87.9	91.2	96.0	96.5	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
87.9	91.2	96.3	96.8	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
87.9	91.2	96.5	97.1	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.
87.9	91.2	96.5	97.1	97.1	98.3	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9
87.9	91.2	96.5	97.1	97.1	98.3	98.4	98.4	98.6	98.9	98.9	99.1	99.1	99.1	99.1
87.9	91.2	96.5	97.1	97.1	98.3	98.4	98.5	99.2	99.3	99.7	99.9	99.9	99.9	99.9
87.9	91.2	96.5	97.1	97.1	98.3	98.4	98.5	99.2	99.3	99.7	99.9	99.9	100.0	100.0
87.9	91.2	96.5	97.1	97.1	98.3	98.4	98.5	99.2	99.3	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 251

2

CEILING VERSUS VISIBILITY

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	45.3	[illegible]	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
[illegible]	[illegible]	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
[illegible]	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
[illegible]	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
[illegible]	[illegible]	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
[illegible]	[illegible]	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.3	[illegible]	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
[illegible]	[illegible]	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
[illegible]	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
[illegible]	[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
[illegible]	[illegible]	[illegible]	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
[illegible]	[illegible]	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
[illegible]	67.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
[illegible]	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
[illegible]	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
[illegible]	[illegible]	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
[illegible]	[illegible]	[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
[illegible]	91.0	92.0	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	91.7	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible]	93.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	93.3	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
[illegible]	94.1	97.0	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
94.1	95.1	97.2	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
94.5	95.4	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
94.6	95.5	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
94.7	95.6	98.0	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
94.7	95.6	98.0	98.7	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
94.7	95.6	98.0	98.7	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.7	95.6	98.0	98.7	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.7	95.6	98.0	98.7	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.7	95.6	98.0	98.7	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.7	95.6	98.0	98.7	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 758

☐

2

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

60.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
60.7	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
61.1	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
61.1	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
61.4	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
61.8	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
63.1	[illegible]	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
64.7	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
68.5	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
74.7	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
76.1	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
76.4	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
76.5	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
80.1	[illegible]	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
88.3	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
90.1	[illegible]	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	[illegible]	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
92.6	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.3	[illegible]	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
95.1	95.5	97.2	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
95.5	96.2	98.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
95.5	[illegible]	98.2	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
95.7	96.4	98.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.7	96.5	98.7	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
95.7	96.6	98.7	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
95.7	96.6	98.7	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.7	96.6	98.7	99.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.7	96.6	98.7	99.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.7	96.6	98.7	99.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.7	96.6	98.7	99.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.7	96.6	98.7	99.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 75

2

CEILING VERSUS VISIBILITY

73-01

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

56.4	56.9	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
62.7	63.3	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4
63.1	63.7	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8
63.1	63.7	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9
63.3	63.9	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9
63.4	64.3	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0
64.6	65.7	66.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3
66.9	67.5	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
70.3	71.4	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
76.4	77.1	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1
77.2	77.8	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9
77.4	77.9	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1
77.6	78.2	79.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3
7[illegible].5	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
81.3	81.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
86.6	87.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5
88.9	89.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
92.6	92.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
92.3	92.9	94.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
93.2	93.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7
94.7	95.3	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
95.4	95.9	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
95.7	96.3	98.0	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
95.7	96.2	98.1	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
95.3	96.5	98.5	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
95.8	96.5	98.8	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
95.8	96.5	98.8	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
95.8	96.5	98.9	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
95.3	96.5	98.9	99.1	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
95.8	96.5	98.9	99.1	99.2	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
95.8	96.5	98.9	99.1	99.2	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
95.8	96.5	98.9	99.1	99.2	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 738

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

47.5	48.1	48.9	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
55.3	56.1	57.1	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
55.7	56.3	57.4	57.7	57.8	57.9	58.0	58.1	58.0	58.1	58.0	58.0	58.0	58.0	58.0	58.0
55.7	56.3	57.4	57.7	57.8	57.9	58.0	58.1	58.0	58.1	58.1	58.1	58.0	58.0	58.0	58.0
55.7	56.5	57.6	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2
56.3	57.0	58.1	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
57.1	57.8	58.9	59.2	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
58.3	59.0	60.1	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
63.1	63.7	65.2	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
67.0	68.4	69.8	70.2	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
68.4	69.7	70.7	71.0	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
68.7	69.6	71.0	71.3	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
68.9	69.7	71.2	71.5	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
70.8	71.1	72.7	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
70.1	72.8	74.3	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
70.1	80.1	81.8	82.2	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
81.6	83.8	84.5	84.9	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
84.4	85.4	87.6	88.1	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
84.9	85.7	88.1	88.6	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
86.9	88.0	90.8	91.3	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
88.3	89.4	92.5	93.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
90.2	92.5	94.9	94.6	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
87.4	90.1	94.4	95.1	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
87.9	91.4	95.2	96.0	96.1	96.6	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
88.0	91.0	95.5	96.4	96.5	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
88.1	91.3	95.7	96.7	96.8	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
89.1	91.5	95.8	96.8	96.9	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
89.1	91.5	95.8	96.9	97.0	97.9	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9
89.1	91.5	95.8	96.9	97.0	97.9	98.4	98.5	98.8	98.9	99.0	99.1	99.2	99.4	99.6	99.6
89.1	91.5	95.8	96.9	97.0	97.9	98.4	98.5	98.8	98.9	99.0	99.1	99.3	99.5	99.7	99.7
89.1	91.5	95.8	96.9	97.0	97.9	98.4	98.5	98.8	98.9	99.0	99.1	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5x3-

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] THROUGH [illegible] 73-81 MA[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
65.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
96.4	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	[illegible]	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
98.3	98.6	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	98.4	99.3	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
98.4	98.8	99.3	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.8	99.3	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.8	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	98.8	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.4	98.8	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.4	98.8	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.4	98.8	99.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 602

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 MA

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-1500

59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
66.2	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
66.2	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9
79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
80.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
91.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
93.0	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
93.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
94.3	95.1	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
95.5	95.9	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
96.3	96.6	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
96.3	96.6	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
96.3	96.6	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
96.3	96.6	98.3	98.4	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
96.3	96.6	98.4	98.5	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
96.3	96.6	98.6	98.8	98.8	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
96.3	96.6	98.6	98.8	98.9	99.1	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9
96.3	96.6	98.6	98.8	98.9	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
96.3	96.6	98.6	98.8	98.9	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
96.3	96.6	98.6	98.8	98.9	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
96.3	96.6	98.6	98.8	98.9	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 634

2

CEILING VERSUS VISIBILITY

[illegible] A SP [illegible] 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM HOURLY OBSERVATIONS

[illegible]	56.4	56.1	[illegible]	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
[illegible]	64.6	65.4	[illegible]	65.5	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	[illegible]	[illegible]
[illegible]	64.6	65.4	[illegible]	65.5	65.6	65.7	65.7	[illegible]	[illegible]	65.9	65.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	64.6	65.4	[illegible]	65.5	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
[illegible]	64.6	65.4	[illegible]	65.5	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.	65.9	[illegible]	[illegible]
[illegible]	64.5	65.4	67.5	65.5	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
[illegible]	65.3	66.3	66.1	66.1	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
[illegible]	[illegible]	67.0	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
71.7	72.9	73.5	73.6	73.6	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	76.4	77.2	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
[illegible]	76.7	77.4	77.5	77.5	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
[illegible]	77.6	78.5	78.6	78.6	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
77.2	78.4	79.2	79.3	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6	79.7	79.7	79.8	79.8	79.8	[illegible]	[illegible]	[illegible]	79.8	[illegible]	[illegible]
79.1	79.8	80.3	80.4	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
[illegible]	84.7	86.4	86.5	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
86.7	87.4	88.8	89.9	89.9	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
[illegible]	89.4	91.1	91.3	91.3	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	87.1	91.7	91.1	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	91.7	93.6	93.7	93.7	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	[illegible]	94.2
91.1	92.5	94.7	94.8	94.8	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
91.7	93.4	95.6	95.9	95.9	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
92.7	93.8	96.4	96.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
92.3	94.3	97.1	97.4	97.4	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
92.3	94.3	97.0	97.4	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
92.3	94.3	97.1	97.6	97.6	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
92.3	94.3	97.2	97.7	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
92.3	94.3	97.2	97.8	97.8	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
92.5	94.4	97.3	97.9	97.9	98.4	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	94.4	97.3	97.9	97.9	98.4	99.0	99.1	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
92.3	94.4	97.3	97.9	97.9	98.4	99.0	99.1	99.5	99.5	99.5	99.8	99.9	[illegible]	[illegible]	[illegible]	99.9
92.5	94.4	97.3	97.9	97.9	98.4	99.0	99.1	99.8	99.8	99.8	99.8	99.9	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 823

2

CEILING VERSUS VISIBILITY

46.7	47.3	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
59.1	60.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
59.6	60.4	62.2	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
59.6	60.4	62.2	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
59.7	61.1	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
59.7	61.1	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
60.2	61.5	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
61.4	62.7	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
65.1	67.7	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
71.4	73.5	75.4	75.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
72.6	74.2	76.6	76.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
73.0	74.6	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
73.7	75.3	76.3	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
74.1	75.7	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
77.4	77.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
81.1	83.4	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
83.2	85.4	88.6	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
84.9	87.7	90.9	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
85.5	87.8	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
87.4	89.7	93.7	93.8	93.8	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
90.1	92.4	94.7	94.8	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
90.7	91.1	95.4	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
89.2	91.5	96.1	96.4	96.4	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
89.2	91.5	96.4	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
89.1	91.6	96.7	97.1	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
90.2	91.8	96.9	97.5	97.6	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
89.3	91.5	97.0	97.6	97.7	98.4	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
89.2	91.4	97.0	97.6	97.8	98.7	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
89.2	91.5	97.0	97.6	97.8	98.7	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
89.2	91.5	97.0	97.6	97.8	98.7	99.0	99.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
89.2	91.5	97.0	97.6	97.8	98.7	99.0	99.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
89.2	91.5	97.0	97.6	97.8	98.7	99.0	99.3	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] 75-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
[illegible]	[illegible]	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
[illegible]	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	[illegible]	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	[illegible]	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
71.2	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
[illegible]	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
[illegible]	77.5	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
77.4	77.9	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
[illegible]	[illegible]	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
[illegible]	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
[illegible]	91.[illegible]	92.3	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
93.7	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	[illegible]
[illegible]	[illegible]	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	[illegible]
[illegible]	[illegible]	97.1	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	[illegible]	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	97.7	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	97.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.7	97.8	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
96.9	97.8	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.9	97.8	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.9	97.8	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.9	97.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.9	97.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.9	97.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.9	97.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.9	97.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.9	97.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
74.8	74.8	75.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
[illegible]	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
[illegible]	[illegible]	[illegible]	[illegible]	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	[illegible]	[illegible]	[illegible]	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	[illegible]
81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
97.5	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
97.8	98.7	98.8	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.3	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
98.4	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	98.4	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
98.4	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	[illegible]	[illegible]	[illegible]
98.6	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
98.8	99.1	99.4	99.5	99.5	99.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.8	99.1	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
98.8	99.1	99.4	99.6	99.6	.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	99.1	99.4	[illegible]	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	99.1	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
98.8	99.1	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
98.8	99.1	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 634

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

45.1	45.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	[illegible]	[illegible]	[illegible]
61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.6	63.8	63.8	63.8	63.8	63.8	63.8	[illegible]	[illegible]	63.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	[illegible]	[illegible]	[illegible]	[illegible]
63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	[illegible]	[illegible]	[illegible]
64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	[illegible]	[illegible]	[illegible]
66.2	[illegible]	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	66.6	66.6	[illegible]	66.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.0	81.0	81.0	81.0	81.0	[illegible]	[illegible]	[illegible]	81.0	[illegible]	[illegible]	[illegible]	[illegible]
81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	[illegible]	[illegible]	[illegible]
[illegible]	81.4	[illegible]	81.8	81.8	81.8	81.8	[illegible]	[illegible]	[illegible]	[illegible]	81.8	[illegible]	[illegible]	[illegible]
81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	[illegible]	[illegible]	[illegible]
[illegible]	83.4	83.8	83.8	83.8	83.8	83.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	[illegible]	[illegible]
[illegible]	[illegible]	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.1	[illegible]	[illegible]	98.3	98.3	98.3	[illegible]	98.3	[illegible]	98.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.2	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	[illegible]	[illegible]
97.2	97.5	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	[illegible]	[illegible]
[illegible]	97.5	98.9	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]
97.2	97.5	98.9	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]
97.2	97.5	98.9	99.2	99.2	99.2	99.3	99.4	[illegible]	[illegible]	[illegible]	99.4	[illegible]	[illegible]	[illegible]
97.2	97.5	[illegible]	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	[illegible]	[illegible]
97.4	97.5	99.3	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
[illegible]	[illegible]	99.4	99.8	99.8	99.8	99.9	[illegible]	[illegible]	[illegible]	100.0	100.0	[illegible]	[illegible]	[illegible]
97.4	97.5	99.4	99.8	99.8	99.8	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	99.8	[illegible]	99.9	[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
97.4	97.5	99.4	99.8	99.8	99.8	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.5	[illegible]	[illegible]	99.8	99.8	99.9	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ______ [illegible]

☐

2

CEILING VERSUS VISIBILITY

[illegible] FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	[illegible]	[illegible]
.7	[illegible]	[illegible]	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	[illegible]	[illegible]
.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	[illegible]	66.7	66.7	[illegible]	[illegible]	[illegible]
.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	[illegible]	[illegible]
.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	[illegible]	77.6	77.6	77.6	[illegible]
.3	[illegible]	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	[illegible]
.1	[illegible]	85.1	[illegible]	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	[illegible]
.2	[illegible]	[illegible]	[illegible]	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	[illegible]	[illegible]	[illegible]
.2	[illegible]	[illegible]	[illegible]	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	[illegible]	[illegible]	[illegible]
.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.6	87.6	87.6	[illegible]	[illegible]	87.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.3	94.4	94.3	94.4	94.5	94.5	94.5	94.5	94.8	94.8	94.9	94.9	[illegible]
.3	[illegible]	96.3	[illegible]	[illegible]	96.3	96.3	96.3	96.3	96.3	96.3	96.3	[illegible]	[illegible]	[illegible]
.6	97.6	[illegible]	97.6	97.6	[illegible]	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
.9	[illegible]	[illegible]	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.7	98.7	98.7	98.7	[illegible]
.5	[illegible]	98.9	[illegible]	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0	99.	99.	99.	99.	99.0	99.	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0	99.	99.	99.	99.	99.0	99.	[illegible]	[illegible]
.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]	[illegible]
.3	[illegible]	99.4	99.4	[illegible]	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]	[illegible]
.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.9	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
.9	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	100.0	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS ______ [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.2	[illegible]	62.3	62.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	[illegible]
[illegible]	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	[illegible]
[illegible]	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	[illegible]
[illegible]	[illegible]	64.8	64.9	64.8	64.8	64.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	64.7	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	65.9	65.9	65.9	65.9	65.9	65.9	[illegible]	66.1	[illegible]	66.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	[illegible]	[illegible]
[illegible]	[illegible]	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	[illegible]
[illegible]	[illegible]	[illegible]	79.9	79.9	79.9	79.9	79.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	80.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	81.8	[illegible]	81.8	81.9	81.9	81.9	[illegible]	[illegible]	81.9	81.9	[illegible]	[illegible]
[illegible]	[illegible]	82.4	82.4	82.4	82.5	82.5	82.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91.9	91.9	91.9	91.9	[illegible]	92.0	[illegible]	92.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	94.1	94.1	94.1	94.1	94.1	94.2	[illegible]	94.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	94.5	[illegible]	95.6	[illegible]	95.6	95.7	[illegible]	95.7	95.7	95.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	94.7	[illegible]	[illegible]	95.9	[illegible]	96.0	[illegible]	96.1	[illegible]	96.1	96.1	[illegible]	[illegible]	96.1
[illegible]	[illegible]	[illegible]	97.1	97.1	97.1	97.2	[illegible]	97.3	97.3	97.3	97.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	97.7	97.7	[illegible]	97.8	[illegible]	97.9	[illegible]	97.9	97.9	[illegible]	[illegible]	97.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.4	98.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	[illegible]	[illegible]
[illegible]	98.3	98.5	[illegible]	[illegible]	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	[illegible]
[illegible]	98.7	[illegible]	98.9	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3	99.5	[illegible]	99.7	[illegible]	99.7	99.7	99.7	[illegible]	99.7
[illegible]	[illegible]	[illegible]	99.1	99.1	99.4	99.6	99.7	99.8	[illegible]	[illegible]	99.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	98.8	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	98.8	99.1	99.2	99.5	99.7	99.7	99.9	[illegible]	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	98.8	99.1	99.2	99.5	99.7	99.7	99.9	[illegible]	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	98.8	99.1	99.2	99.5	99.7	99.7	99.9	[illegible]	99.9	99.9	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible].6	[illegible].5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].5	[illegible]	[illegible]	[illegible]
[illegible].4	[illegible].4	65.5	[illegible].5	[illegible]	[illegible]	65.5	65.[illegible]	65.5	[illegible]	[illegible].5	65.5	[illegible]	[illegible]	[illegible]
[illegible].7	65.7	[illegible].6	65.8	65.8	65.8	65.8	65.[illegible]	65.8	65.[illegible]	65.8	65.8	[illegible]	[illegible]	[illegible]
[illegible].7	6[illegible].7	65.3	[illegible].8	[illegible].8	65.8	65.8	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.8	[illegible]	[illegible]	[illegible]
[illegible].7	65.7	[illegible]	[illegible].8	[illegible].8	65.8	55.5	65.[illegible]	65.[illegible]	65.[illegible]	65.8	65.8	[illegible]	[illegible].8	[illegible].8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.8	65.[illegible]	65.[illegible]	[illegible]	[illegible]	65.[illegible]	[illegible]	[illegible]	[illegible]
[illegible].3	6[illegible]	67.2	67.2	67.2	67.2	67.2	67.[illegible]	67.2	67.2	67.2	67.2	67.2	67.[illegible]	67.[illegible]
[illegible].1	6[illegible].1	[illegible].3	[illegible].3	68.3	[illegible].3	[illegible].3	[illegible]	68.3	6[illegible]	68.3	68.3	68.[illegible]	[illegible]	[illegible]
[illegible]	76.[illegible]	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	[illegible].7
[illegible].1	8[illegible].1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.[illegible]	[illegible]
[illegible]	[illegible]	85.9	85.9	85.9	85.9	85.9	85.[illegible]	85.9	85.9	85.9	85.9	85.[illegible]	85.9	[illegible]
[illegible].1	[illegible]	86.2	86.2	86.2	86.[illegible]	86.2	86.[illegible]	86.2	[illegible]	86.2	[illegible]	[illegible]	86.[illegible]	[illegible]
[illegible].9	85.[illegible]	87.0	87.0	87.0	87.[illegible]	[illegible].0	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	[illegible]	87.[illegible]	[illegible]
[illegible].6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.[illegible]
[illegible].1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	[illegible]	90.2	[illegible]
[illegible].2	95.[illegible]	95.3	[illegible].3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.[illegible]	[illegible]
[illegible].7	96.[illegible]	97.0	97.[illegible]	[illegible].0	[illegible]	97.0	97.[illegible]	97.0	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]
[illegible].5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.[illegible]	97.[illegible]	97.9	97.[illegible]	[illegible].7	[illegible]	[illegible]
[illegible].5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.[illegible]	97.9	97.[illegible]	97.9	97.9
[illegible].7	97.9	98.[illegible]	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible].3	9[illegible].6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
98.5	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.[illegible]
[illegible].5	[illegible].8	99.2	[illegible].3	[illegible].3	[illegible].7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]
[illegible].6	98.9	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible].6	98.9	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible].6	99.[illegible]	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	99.[illegible]	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	9[illegible]	[illegible].4	[illegible].6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].5	99.[illegible]	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].5	99.[illegible]	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].8	99.[illegible]	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].8	99.[illegible]	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	67.3	67.3	67.3	67.3	66.3	67.3	[illegible]	67.3	67.3	[illegible]	[illegible]	[illegible]	[illegible]
65.5	65.3	65.9	65.9	65.9	65.9	[illegible]	[illegible]	[illegible]	[illegible]	65.9	[illegible]	[illegible]	[illegible]	[illegible]
65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	[illegible]
[illegible]	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
[illegible]	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
[illegible]	66.8	66.8	66.8	[illegible]	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	[illegible]
67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
[illegible]	83.3	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
83.5	83.7	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
83.9	84.2	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	[illegible]	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
[illegible]	[illegible]	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
87.4	87.7	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
[illegible]	94.2	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
95.4	95.7	96.4	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
96.7	[illegible]	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
96.7	97.1	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
97.4	97.7	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
97.7	[illegible]	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
98.3	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
98.3	98.6	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]
98.3	98.5	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.3	98.5	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.3	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.3	98.5	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.3	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.3	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.3	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

☐

[illegible] CLIMATOLOGY BRANCH

73-81

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	56.4	57.5	57.5	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.0	[illegible]	[illegible]
[illegible]	63.5	64.0	64.6	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.4	65.4	[illegible]
63.5	64.1	65.3	65.3	65.4	65.5	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	[illegible]
63.5	64.1	65.3	65.3	65.4	65.5	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	[illegible]
63.6	64.2	65.4	65.4	65.5	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.2	66.2	66.2
[illegible].7	64.4	65.5	65.5	65.6	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.3
64.8	65.4	66.5	66.5	66.7	66.8	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3
66.2	66.8	68.1	68.1	68.2	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.9	68.9
[illegible].1	71.0	72.5	72.7	72.8	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4
76.0	77.8	79.4	79.6	79.7	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	[illegible]
77.0	78.0	79.7	79.8	79.9	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.6	80.6	[illegible]
77.5	78.5	80.2	80.3	80.5	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.1	81.1	81.1
77.8	79.4	80.5	80.6	80.7	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.4	81.4	81.4
[illegible].4	80.5	82.1	82.2	82.4	82.5	82.6	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0
[illegible]	[illegible]	85.2	85.3	85.4	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1
87.6	88.8	91.7	92.0	92.1	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7
89.4	90.5	93.0	94.0	94.1	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9
[illegible].7	91.8	94.9	95.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.2
[illegible].7	91.8	94.9	95.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.2
[illegible].6	92.7	95.9	96.3	96.4	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
[illegible].7	93.0	96.7	97.1	97.2	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
92.6	94.0	97.7	98.1	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
92.6	94.0	97.7	98.1	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
92.7	94.1	97.8	98.2	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4
[illegible].7	94.1	[illegible]7.8	98.2	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4
92.7	94.1	97.8	98.2	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4
92.8	94.5	98.2	98.6	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
92.8	94.5	98.2	98.6	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
92.8	94.5	98.2	98.6	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
92.8	94.5	98.2	98.6	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
92.8	94.5	98.2	98.6	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
93.0	94.6	98.3	98.7	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 783

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
62.7	63.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
63.4	67.9	64.9	65.2	65.2	65.3	65.3	65.3	65.3	63.3	65.3	65.3	65.3	65.3	65.3
63.4	63.9	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
63.4	63.9	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
63.3	64.3	65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
64.7	65.3	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
66.3	67.0	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
71.2	71.9	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
[illegible]	76.7	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	[illegible]
75.9	76.3	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
76.7	77.6	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
76.9	77.3	79.6	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
78.3	79.2	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
81.5	82.3	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
88.0	89.1	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
89.5	92.6	93.5	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
90.4	91.5	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
90.6	91.7	95.0	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
91.2	92.7	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
91.9	93.4	96.7	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
92.5	94.0	97.7	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
92.7	94.2	98.1	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
92.7	94.2	98.4	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
92.7	94.2	98.5	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
92.7	94.2	98.7	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATION: 798

2

AL CLIMATOLOGY BRANCH

CEILING VERSUS VISIBILITY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
94.7	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
95.7	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.2	97.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
97.2	97.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 625

USAF ETAC

2

... CLIMATOLOGY BRANCH
...
... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... 73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

45.1	45.1	[illegible]	45.1	45.1	45.1	45.1	45.1	45.1	45.1	[illegible]	45.1	[illegible]	[illegible]	[illegible]
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	[illegible]
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	[illegible]
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	[illegible]
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	[illegible]	60.5	60.5	60.5	[illegible]	60.5	[illegible]
60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	[illegible]	60.6	60.6	60.6	[illegible]	[illegible]	60.6
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7
77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
[illegible]	[illegible]	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	[illegible]
[illegible]	[illegible]	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
98.3	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.3	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.4	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.4	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.4	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

☐

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

44.1	44.1	44.1	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
94.8	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
97.1	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
98.4	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TORREJON AB SP 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
95.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
97.1	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
98.4	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 792

USAF ETAC [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	[illegible]	[illegible]
[illegible]	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	[illegible]	[illegible]	[illegible]
[illegible]	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	[illegible]	[illegible]
[illegible]	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	[illegible]	[illegible]
[illegible]	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	[illegible]	[illegible]	[illegible]
[illegible]	64.8	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	[illegible]	[illegible]	[illegible]
[illegible]	66.7	66.8	66.8	66.3	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	[illegible]	[illegible]	[illegible]
[illegible]	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	[illegible]	[illegible]	[illegible]
[illegible]	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	[illegible]	[illegible]	[illegible]
[illegible]	94.7	94.5	94.5	94.9	94.9	94.9	94.9	95.2	95.[illegible]	95.2	95.2	95.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	[illegible]	[illegible]	[illegible]
[illegible]	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	[illegible]	[illegible]	[illegible]
[illegible]	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.[illegible]	99.6	99.6	[illegible]	[illegible]
[illegible]	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
[illegible]	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]
[illegible]	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	[illegible]	[illegible]	[illegible]
[illegible]	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]	[illegible]	[illegible]
[illegible]	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 5625

2

[illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

75.8	75.8	75.8	75.9	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

☐

2

CEILING VERSUS VISIBILITY

[illegible] FREQUENCY OF OCCURRENCE
[illegible] OBSERVATIONS

.1	66.	66.1	.1	66.1	.1	66.1	66.1	66.1	66.1	66.1	.1	66.	.	.1
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.	75.
.0	76.0	76.0	76.0	76.0	76.0	76.0	76.	76.0	76.	76.0	76.0	76.	76.	76.
83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
.5	86.7	87.0	87.0	87.0	87.0	87.0	87.	87.0	87.	87.0	87.0	87.	87.	.
.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	7.
.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	7.
7.9	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.
.6	89.	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
.4	91.	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.	91.	1.
.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.	97.1	7.
.3	9	99.0	.0	.0	99.0	99.0	99.	99.	99.	99.	99.0	99.	99.0	.
.5	99.	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	.	99.	.3
.4	99.	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.	99.	99.5
.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
.3	99.6	99.8	99.8	99.8	99.8	99.8	99.	99.8	99.8	99.8	99.8	99.8	99.8	99.
.3	99.8	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0	100.	100.	.
99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0	1	.
9.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.0	.
99.3	99.8	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.	.
99.3	99.8	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.
99.3	99.8	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.	.
99.3	99.8	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.
99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0	.	.
99.3	99.8	100.0	100.0	100.0	100.0	100.	100.0	100.	100.0	100.	100.0	100.0	100.	.
99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.	100.	100.	100.	100.0	100.	100.	.

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.4	61.6	61.	61.	61.	61.5	61.6	[illegible]	[illegible]	[illegible]
61.8	7 .	[illegible]	7 .7	7 .7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	[illegible]	[illegible]	[illegible]
7 .5	7 .7	71.5	71.5	71.5	71.8	71.8	71.	71.8	71.8	71.8	71.8	71.	71.	[illegible]
.3	7 .7	71.5	71.5	71.5	71.8	71.8	71.	71.8	71.	71.8	71.8	71.	71.	[illegible]
.3	7 .7	71.5	71.5	71.5	71.8	71.8	71.	71.8	71.	71.8	71.	71.	71.	[illegible]
.7	.8	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	[illegible]	[illegible]	[illegible]
[illegible]	.1	71.9	[illegible]	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	[illegible]	[illegible]	[illegible]
[illegible]	7 .2	7 .9	.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.	74.
.3	7 .	83.3	.5	85.3	85.9	85.9	8 .	.9	8 .	8 .9	[illegible]	[illegible]	1.	1.
.4	[illegible]	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	[illegible]	[illegible]
.7	8 .7	[illegible]	.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	[illegible]	[illegible]
1.7	[illegible]	6.1	.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	[illegible]	[illegible]	[illegible]
.2	8 .	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	[illegible]	[illegible]	[illegible]
.1	8 .1	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.	8 .
.2	89.	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.	91.1	91.1
.4	9 .7	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.	96.	[illegible]
91.7	95.	97.	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.	97.7	97.7
2.4	95.	97.8	[illegible]	.2	.5	98.5	98.	98.5	98.5	98.5	98.5	[illegible]	.7	.7
92.4	96.7	98.1	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
.5	96.3	98.3	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.
.7	9 .4	98.4	98.7	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.
.7	96.	98.5	98.8	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
92.7	96.3	98.5	98.8	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
.7	96.5	98.5	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
93.1	96.6	98.7	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
.1	96.5	98.7	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
93.3	96.5	98.8	99.1	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
93.3	96.6	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
93.3	96.5	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
93.3	96.6	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
93.3	96.5	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
93.3	96.5	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

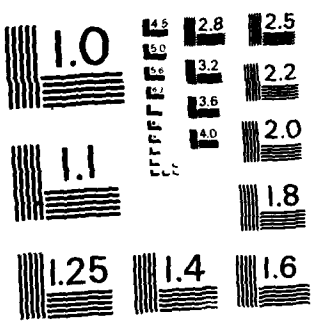
CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	67.2	67.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	67.7	[illegible]	[illegible]	67.6	67.6	67.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.6	67.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.6	67.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.6	67.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	71.2	71.2	71.2	[illegible]	71.2	[illegible]	71.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	73.9	73.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.4	98.4	98.4	[illegible]	[illegible]	98.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4	[illegible]	99.4	[illegible]	99.4	99.4	[illegible]	[illegible]	[illegible]
[illegible]	95.1	98.6	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	99.6	[illegible]	[illegible]	[illegible]
[illegible]	95.1	[illegible]	99.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	[illegible]	[illegible]	[illegible]
[illegible]	95.1	99.2	99.4	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	99.2	99.4	[illegible]	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	99.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	99.2	99.4	99.4	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	99.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	99.2	99.4	99.4	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	99.2	99.4	[illegible]	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

AD-A128 107 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 OCT 82 3/5

UNCLASSIFIED USAFETAC/DS-82/056 SBI-AD-E850 356 F/G 4/2 NL



2

AL CLIMATOLOGY BRANCH
ETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
77.2	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
78.5	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
81.5	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
94.5	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
97.0	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
97.8	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.1	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY (STATUTE MILES)

CEILING (FEET)	25	15	14	13	12	11	10	9	8	7	6	5	4	3	2
UNLIMITED	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
20000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
15000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
10000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
9000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
8000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
7000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
6000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
5000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
4500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
3500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
2500	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1800	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1500	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1000	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TORREJON AB SP 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

.27. TORREJON AB SP — 73-81 — MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

VISIBILITY STATUTE MILES

CEILING FEET	26	24	22	20	18	16	14	12	10	8	6	5	4	3	2	1
[illegible]	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
20000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
18000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
16000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
14000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
12000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
10000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
9000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
8000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
6000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
5000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
4500	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
4000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
3500	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
3000	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2500	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2000	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1800	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1500	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0
	57.2	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
	68.9	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	69.5	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
	79.3	79.6	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	82.7	83.2	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
5000	83.2	83.8	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
5000	83.8	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9
4500	84.1	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
4000	85.6	86.2	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
3500	89.1	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
3000	95.2	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2500	96.8	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
2000	97.4	98.2	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1800	97.5	98.3	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1500	97.6	98.4	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1200	97.6	98.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
1000	97.7	98.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
900	97.7	98.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
800	97.7	98.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	97.7	98.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	97.8	98.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	97.8	98.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	97.8	98.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	97.8	98.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	97.8	98.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	97.8	98.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.8	98.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6630

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING		76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥20000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥18000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥16000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥14000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥12000		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥10000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥9000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥8000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥7000		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥6000		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥5000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥4500		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥4000		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥3500		97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥3000		99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥2500		99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥2000		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1800		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27[illegible] TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2
[illegible]	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0
[illegible]	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5
[illegible]	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5
[illegible]	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5
[illegible]	83.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
[illegible]	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
[illegible]	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
[illegible]	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
[illegible]	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
[illegible]	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
[illegible]	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
[illegible]	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
[illegible]	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
[illegible]	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
[illegible]	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
[illegible]	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
[illegible]	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
[illegible]	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
[illegible]	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
[illegible]	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
[illegible]	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEIL		68.6	69.0	70.1	70.1	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 20000		76.0	76.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 18000		76.0	76.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 16000		76.0	76.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 14000		76.0	76.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 12000		76.9	77.5	78.6	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 10000		77.9	78.5	79.6	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 9000		79.8	80.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 8000		85.4	86.0	87.4	87.4	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 7000		87.5	88.1	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 6000		88.1	88.8	90.2	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 5000		88.1	88.8	90.2	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 4500		88.1	88.8	90.2	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 4000		90.1	90.7	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 3500		92.5	93.1	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 3000		94.7	95.6	97.4	97.4	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 2500		94.9	95.8	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 2000		95.3	96.2	98.0	98.0	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1800		95.4	96.3	98.1	98.1	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1500		95.6	96.4	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 1200		95.8	96.7	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1000		95.8	96.7	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 900		95.8	96.7	98.9	98.9	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 800		96.0	96.9	99.1	99.1	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0		96.2	97.0	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2.   TORREJON AB SP   73-81   JUN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0900-1100

67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8
79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
85.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
87.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9
90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
96.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
97.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
97.3	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
97.3	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
97.5	98.6	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
97.7	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
97.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
97.8	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
97.8	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.8	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 610

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY (STATUTE MILES)

65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15 0-1700

61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 510

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
AI[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TORREJON AB SP 73-81 JU[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
89.9	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
98.9	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
98.9	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

VISIBILITY (STATUTE MILES)

91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0600-0800

VISIBILITY (STATUTE MILES)

87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2. TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY STATUTE MILES

[illegible]	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
8000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
[illegible]	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
[illegible]	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
[illegible]	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
4500	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
4000	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3500	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 827

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

[illegible]	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
[illegible]	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
[illegible]	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
[illegible]	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
[illegible]	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
[illegible]	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 632

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY STATUTE MILES

	≥6		≥4												
NO CEIL	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

2100-2300

VISIBILITY (STATUTE MILES)

84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 633

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6662

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

...AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 635

☐

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	[illegible]	[illegible]
91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	[illegible]	[illegible]	[illegible]
91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	[illegible]	[illegible]
91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	[illegible]	[illegible]	[illegible]
91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	[illegible]
91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	[illegible]
92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	[illegible]	[illegible]
97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]37

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TURRUDUN AL SP 70-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 535

☐

2

...AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AL CLIMATOLOGY BRANCH
LTAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
88.9	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
88.9	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
89.0	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
89.2	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.0	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
90.1	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
93.3	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
93.5	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
93.5	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
93.9	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
94.1	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
95.2	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
99.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

[illegible]	[illegible]	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 537

USAF ETAC [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

AL CLIMATOLOGY BRANCH
FLTAC
A FATH R SERVICE/MAC

2 TORREJON AB SP 73-81 AUG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6691

2

AL CLIMATOLOGY BRANCH
FETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 70-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP   73-81   SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

78.6	78.6	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
86.9	86.9	87.0	87.0	87.0	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
94.3	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
94.3	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
94.7	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
94.7	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.8	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
98.0	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
98.9	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TORREJON AB SP 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
94.7	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
96.9	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
7.2	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
97.4	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
97.4	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
97.4	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
97.5	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
97.5	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
97.5	97.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
97.5	97.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
97.5	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 609

USAF ETAC [illegible] 1143-5 OL A [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 510

2

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 70-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 61

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	[illegible]
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	[illegible]	[illegible]
90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
[illegible]	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	[illegible]	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.7	[illegible]	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible]	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6477

☐

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON A [illegible] 75-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5
79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2
91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	[illegible]
92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4
92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 337

☐ USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	63.3	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
72.1	72.6	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
72.4	73.1	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
72.4	73.1	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
72.6	73.2	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.1	73.7	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
73.7	74.3	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
74.5	75.4	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
81.2	82.1	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
85.3	86.1	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
85.4	86.3	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
85.7	86.5	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
85.7	86.5	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
86.1	87.1	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
88.6	89.5	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
92.6	93.4	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
93.9	94.7	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
95.7	96.5	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
95.7	96.5	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
96.2	97.1	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
96.5	97.5	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
96.9	97.7	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
96.9	97.7	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
96.9	97.7	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
96.9	97.7	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.0	97.8	99.0	99.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.0	97.8	99.0	99.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.0	97.8	99.0	99.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.0	97.8	99.0	99.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.0	97.8	99.0	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	97.8	99.0	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	97.8	99.0	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 537

2

AC CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

5.6	55.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0
67.7	68.7	68.9	69.	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2
68.5	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
68.5	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
68.9	69.9	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6
69.1	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7
70.0	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
72.5	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4
76.9	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7
80.4	81.4	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
80.6	81.6	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4
81.2	82.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0
81.2	82.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0
82.3	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1
84.7	85.1	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2
90.3	91.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
91.4	92.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
92.1	93.8	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
92.2	93.9	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
93.7	95.5	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
94.0	95.9	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
94.5	96.4	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
94.5	96.4	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
94.6	96.5	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
94.6	96.5	98.9	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
94.6	96.5	98.9	99.4	99.4	99.6	99.8	99.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9
94.6	96.7	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
94.6	96.7	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
94.6	96.7	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
94.6	96.7	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
94.6	96.7	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
94.6	96.7	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 537

2

CLIMATOLOGY BRANCH
AC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
95.3	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.7	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 TORREJON AB SP 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.0	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 337

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

62.1	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
73.3	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2
73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4
74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9
86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
86.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0
88.2	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
90.3	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
96.1	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
97.1	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
97.2	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
97.9	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
98.3	98.7	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
98.4	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
98.4	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
98.5	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
98.5	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.5	99.0	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
98.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAF ETAC [illegible] FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

[illegible] TORREJON AB SP [illegible] NOV

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM [illegible] TO [illegible]

71.1	71.3	72.6	73.7	75.8	73.2	73.3	73.7	75.4	77.4	77.5	77.5	73.5	73.5	73.7	
73.5	74.4	76.3	76.4	76.3	77.9	77.3	77.[illegible]	77.1	77.1	77.3	77.3	77.3	77.3	77.4	
73.3	77.3	76.5	76.6	76.3	77.[illegible]	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	
73.8	75.2	76.5	76.6	76.8	77.1	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	
73.8	75.2	76.5	76.6	76.8	77.1	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	
73.8	75.2	76.5	76.6	76.8	77.1	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6	
74.2	75.5	76.9	77.3	77.1	77.5	77.6	77.[illegible]	77.8	77.8	77.9	77.9	77.9	77.9	77.[illegible]	
76.3	77.1	78.5	78.6	78.7	79.[illegible]	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	
81.2	82.4	84.2	84.7	84.[illegible]	85.3	[illegible].3	85.4	[illegible].5	85.[illegible]	85.7	85.7	85.7	85.7	[illegible]	
84.1	85.7	87.0	87.9	88.3	[illegible]	88.5	88.6	88.8	88.8	88.9	88.9	88.9	88.9	89.1	
84.4	86.2	87.4	88.3	88.4	89.4	89.9	89.7	89.1	89.7	89.4	89.4	89.4	89.4	89.5	
84.9	86.5	87.9	88.8	88.9	89.2	89.4	[illegible]	89.6	89.7	89.9	89.9	89.9	89.9	[illegible]	
84.9	86.5	87.9	88.8	88.9	89.2	89.4	89.4	89.6	89.7	89.9	89.9	89.9	89.9	[illegible]	
84.9	86.5	87.9	88.8	88.9	89.[illegible]	89.4	89.[illegible]	89.6	89.7	89.9	89.9	89.9	89.9	[illegible]	
86.1	87.1	89.3	89.6	90.0	90.4	90.5	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible].1	[illegible].2	[illegible].1	[illegible].1	
87.2	9[illegible].4	91.2	[illegible].1	93.2	93.[illegible]	[illegible].4	94.4	94.2	94.3	94.4	94.4	94.4	94.4	94.5	
87.2	91.5	93.2	94.1	94.2	94.[illegible]	94.8	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.5	
[illegible].6	93.2	93.8	94.4	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.9	95.9	95.9	95.9	
87.6	93.2	93.6	94.4	94.8	94.9	95.2	95.3	95.3	95.4	95.9	95.9	95.9	95.9	95.9	
[illegible].2	[illegible]	94.8	[illegible].4	[illegible].6	[illegible]	[illegible].2	[illegible].6	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	96.9	96.9	97.1
91.2	93.9	94.6	95.4	95.6	95.9	96.2	96.3	96.7	96.9	96.9	96.9	96.9	96.9	97.1	
91.3	93.3	94.9	95.8	95.9	96.3	96.5	96.7	97.[illegible]	97.2	97.3	97.3	97.3	97.3	97.4	
91.3	93.3	94.9	95.8	95.9	96.3	96.5	96.7	97.[illegible]	97.3	97.3	97.3	97.3	97.3	97.4	
91.3	93.1	95.4	96.3	96.4	96.9	97.2	97.3	97.8	97.9	98.[illegible]	98.1	98.3	98.3	98.1	
91.5	93.2	95.9	96.8	96.9	97.4	97.7	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.6	
91.5	93.2	96.3	96.9	97.3	97.5	97.8	97.9	98.4	98.6	98.8	98.8	98.9	98.9	99.	
91.6	93.3	96.3	97.2	97.3	97.8	98.0	98.1	98.6	98.9	99.0	99.0	99.1	99.1	99.3	
91.6	93.3	96.3	97.2	97.3	97.8	98.0	98.1	98.6	98.9	99.0	99.0	99.1	99.1	99.4	
91.6	93.3	96.3	97.2	97.3	97.8	98.0	98.1	98.6	98.9	99.0	99.0	99.1	99.1	99.4	
91.6	93.3	96.3	97.2	97.3	97.8	98.0	98.3	98.8	99.[illegible]	99.1	99.1	99.4	99.5	99.9	
91.6	93.3	96.3	97.2	97.3	97.8	98.0	98.3	98.6	99.[illegible]	99.1	99.1	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TORREJON AB SP   73-81   NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

68.4	70.1	71.6	71.8	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
72.6	74.5	76.1	76.4	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
72.6	74.5	76.1	76.4	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
72.6	74.5	76.1	76.4	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
72.6	74.5	76.1	76.4	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
72.6	74.5	76.1	76.4	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
72.9	74.9	76.5	76.8	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
74.2	76.1	77.8	78.0	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
79.9	81.9	83.8	84.1	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	85.0	87.1	87.5	87.6	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
83.1	85.4	87.5	87.9	88.0	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
83.3	85.7	87.8	88.1	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
83.3	85.7	87.8	88.1	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
83.3	85.7	87.8	88.1	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
84.1	86.4	88.5	88.9	89.0	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
86.4	88.9	90.9	91.2	91.3	91.7	91.8	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
88.8	91.1	93.2	93.6	93.7	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
89.4	91.3	94.1	94.6	94.7	95.2	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
89.4	91.3	94.1	94.6	94.7	95.2	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
90.0	92.5	94.7	95.2	95.3	95.8	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
90.1	92.6	94.9	95.4	95.6	96.0	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
90.2	92.7	95.1	95.6	95.7	96.2	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
90.2	92.7	95.1	95.6	95.7	96.2	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
90.4	92.9	95.4	95.9	96.0	96.5	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
90.5	93.0	95.6	96.0	96.2	96.7	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
90.6	93.1	95.7	96.2	96.3	96.9	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
90.6	93.1	96.4	96.9	97.0	97.7	97.8	98.1	98.8	98.8	98.8	98.8	98.9	98.9	98.9
90.6	93.1	96.5	97.0	97.2	97.8	97.9	98.3	99.0	99.0	99.0	99.0	99.1	99.1	99.1
90.6	93.1	96.5	97.0	97.2	97.8	98.1	98.5	99.3	99.3	99.3	99.3	99.4	99.4	99.4
90.6	93.1	96.5	97.0	97.2	97.8	98.1	98.5	99.3	99.3	99.3	99.3	99.4	99.4	99.4
90.6	93.1	96.5	97.0	97.2	97.8	98.1	98.6	99.4	99.4	99.4	99.4	99.5	99.8	99.9
90.6	93.1	96.5	97.0	97.2	97.8	98.1	98.6	99.4	99.4	99.4	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 509

2

CEILING VERSUS VISIBILITY

73-11

[illegible]	62.1	69.1	69.4	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.2	[illegible]	[illegible]
67.7	71.5	74.9	75.2	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	76.0	76.1	76.1
67.8	71.7	75.3	75.4	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.1	76.2	76.2
67.8	71.7	75.3	75.4	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.1	76.2	76.2
67.8	71.7	75.3	75.4	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.1	76.2	76.2
68.7	71.9	75.1	75.6	75.9	76.1	76.0	76.1	76.1	76.1	76.1	76.1	76.4	76.5	76.5
70.5	72.4	75.7	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	77.1	77.1	77.1
71.0	72.9	76.2	76.7	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.5	77.6	77.6
75.1	79.1	81.4	81.9	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.7	82.8	82.8
79.2	81.2	84.7	85.1	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.9	86.0	86.1
79.6	81.5	85.1	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.4	86.5	86.5
79.6	81.6	85.1	85.6	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.4	86.5	86.5
79.6	81.6	85.1	85.6	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.4	86.5	86.5
79.7	81.7	85.3	85.8	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.5	86.5	86.6
80.1	82.1	85.6	86.1	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.9	87.0	87.1
82.3	84.5	88.2	88.9	89.1	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.9	90.0	90.0
83.3	85.8	89.7	90.3	90.6	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.6	91.7	91.7
84.3	86.9	91.2	91.8	92.1	92.3	92.6	92.6	92.8	92.8	92.8	92.8	93.1	93.2	93.2
84.9	86.9	91.5	92.1	92.3	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.4	93.6	93.6
85.1	87.1	92.0	92.6	92.8	93.2	93.4	93.4	93.7	93.7	93.7	93.7	93.9	94.1	94.1
85.5	87.5	92.5	93.1	93.3	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.4	94.6	94.6
85.6	87.9	92.9	93.6	93.9	94.3	94.6	94.6	94.8	94.8	94.8	94.8	95.0	95.2	95.2
85.6	87.9	93.1	93.7	94.1	94.4	94.7	94.7	94.9	94.9	94.9	94.9	95.2	95.3	95.3
85.8	88.0	93.4	94.2	94.6	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.8	95.9	95.9
86.1	88.7	93.9	94.7	95.0	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.3	96.4	96.4
86.5	88.7	94.4	95.3	95.7	96.0	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.2	97.3
86.5	88.7	94.4	95.3	95.7	96.2	96.7	96.7	97.0	97.0	97.0	97.0	97.4	97.5	97.6
86.5	88.7	94.9	95.9	96.3	96.8	97.5	97.5	97.9	97.9	97.9	97.9	98.4	98.5	98.6
86.5	88.7	95.0	96.0	96.4	96.9	97.8	97.8	98.1	98.1	98.3	98.3	98.9	99.0	99.1
86.5	88.7	95.0	96.0	96.4	96.9	97.9	97.9	98.3	98.3	98.4	98.4	99.1	99.3	99.4
86.5	88.7	95.0	96.0	96.4	96.9	97.9	97.9	98.3	98.3	98.4	98.4	99.3	99.4	99.9
86.5	88.7	95.0	96.0	96.4	96.9	97.9	97.9	98.3	98.3	98.4	98.4	99.3	99.41	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	56.3	58.4	61.1	63.7	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.7	64.1	68.8	7[illegible].0	70.0	70.7	70.7	70.7	70.9	70.9	70.9	70.9	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
[illegible]	61.9	64.1	68.9	7[illegible].1	70.1	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2
[illegible]	61.9	64.1	68.9	7[illegible].1	70.1	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2
[illegible]	62.1	64.3	69.1	7[illegible].4	70.4	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.4	71.5	71.[illegible]	
[illegible]	62.1	64.3	69.1	7[illegible].5	70.5	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6
[illegible]	62.3	64.6	69.4	70.7	70.7	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.8	71.9	71.9
[illegible]	63.7	65.9	70.9	72.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.7	73.[illegible]	73.[illegible]
[illegible]	67.8	73.4	75.6	76.9	76.9	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9	79.[illegible]	79.[illegible]	79.[illegible]
[illegible]	71.5	74.4	79.6	81.1	81.1	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.3	82.[illegible]	82.[illegible]
[illegible]	71.7	74.7	79.9	81.4	81.4	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.5	82.6	82.6	82.6
[illegible]	72.0	74.9	80.1	81.6	81.6	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.8	82.[illegible]	82.[illegible]
[illegible]	72.0	74.9	80.1	81.6	81.6	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.8	82.8	82.8
[illegible]	72.1	75.0	80.5	80.0	82.0	82.8	82.8	82.8	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.1	83.2	83.2	83.2
[illegible]	73.3	76.5	83.0	83.5	83.5	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.6	84.7	84.7	84.7
[illegible]	75.8	78.9	84.7	86.2	86.2	87.0	87.0	87.[illegible]	87.2	87.2	87.2	87.2	87.3	87.4	87.4	87.4
[illegible]	77.8	80.9	87.0	88.5	88.5	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.8	89.8	89.8
[illegible]	7[illegible].0	81.0	88.1	89.8	89.8	91.0	91.0	91.[illegible]	91.1	91.1	91.1	91.1	91.2	91.4	91.4	91.4
[illegible]	7[illegible].5	81.6	88.3	89.9	89.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.4	91.5	91.5	91.5
[illegible]	7[illegible].6	81.7	88.6	90.2	90.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.9	91.9	91.9
[illegible]	7[illegible].6	82.0	89.0	91.4	91.4	92.7	92.8	92.8	93.0	93.[illegible]	93.[illegible]	93.0	93.1	93.2	93.2	93.2
[illegible]	7[illegible].6	82.7	90.4	92.3	92.3	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.3	94.3	94.3
[illegible]	7[illegible].6	82.7	90.4	92.3	92.3	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.4
[illegible]	7[illegible].6	82.7	90.5	92.6	92.6	94.1	94.3	94.4	94.7	94.7	94.7	94.7	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
[illegible]	7[illegible].9	83.1	90.9	93.0	93.0	94.6	94.9	95.1	95.3	95.3	95.3	95.3	95.4	95.6	95.6	95.6
[illegible]	[illegible].1	83.1	91.0	93.1	93.2	94.8	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.2	96.[illegible]	96.[illegible]
[illegible]	[illegible].1	83.1	91.1	93.2	93.3	95.1	96.2	96.3	96.5	96.5	96.5	96.5	96.6	97.0	97.[illegible]	97.[illegible]
[illegible]	[illegible].0	83.1	91.2	93.5	93.6	95.6	96.7	96.8	97.5	97.5	97.5	97.5	97.7	97.8	97.8	97.8
[illegible]	[illegible].0	83.1	91.2	93.5	93.6	95.6	96.7	96.9	97.9	97.9	97.9	97.9	98.[illegible]	98.1	98.1	98.1
[illegible]	[illegible].0	83.1	91.2	93.5	93.6	95.6	96.7	97.0	98.0	98.0	98.0	98.0	98.3	98.5	98.5	98.5
[illegible]	[illegible].0	83.1	91.2	93.5	93.6	95.6	96.7	97.[illegible]	98.0	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	
[illegible]	[illegible].0	83.1	91.2	93.5	93.6	95.6	96.7	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.2	98.[illegible]	98.5	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 61

2

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	72.6	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	72.8	72.8	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	72.8	72.8	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	73.1	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	73.5	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69.9	[illegible]	73.6	73.6	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	[illegible]	[illegible]	[illegible]
[illegible]	71.7	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74.5	[illegible]	79.0	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.8	79.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	83.2	83.3	83.3	83.8	83.8	83.9	83.8	83.8	83.8	84.0	84.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	83.7	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	83.8	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	83.8	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	84.1	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	85.6	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	88.1	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.2	92.2	93.7	93.7	[illegible]	[illegible]	93.7	93.7	93.9	91.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.4	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.7	95.3	95.3	95.8	95.8	95.8	95.9	95.9	95.9	96.1	96.2	96.2	96.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	95.3	95.9	95.9	96.7	96.7	96.7	96.8	96.8	96.8	96.9	97.1	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.1	95.6	96.3	96.3	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.2	96.3	96.8	96.8	97.5	97.7	97.7	97.8	97.8	97.8	97.9	98.0	98.0	98.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.4	96.4	97.2	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.8	98.9	98.9	98.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.4	96.4	97.2	97.3	98.1	98.5	98.5	98.8	98.8	98.8	99.0	99.1	99.0	99.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.4	96.4	97.2	97.3	98.1	98.6	98.6	98.9	98.9	99.1	99.3	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.4	96.4	97.2	97.3	98.3	98.8	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87.5	91.4	96.4	97.2	97.3	98.3	98.8	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.4	96.4	97.2	97.3	98.3	98.8	98.9	99.3	99.3	99.4	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87.5	91.4	96.4	97.2	97.3	98.3	98.8	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.4	96.4	97.2	97.3	98.3	98.8	98.9	99.3	99.3	99.4	99.81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 61

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

63.5	64.4	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
71.1	72.1	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
71.3	72.5	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
71.5	72.5	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
71.6	72.6	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
72.6	73.6	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
73.6	74.6	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
74.7	75.7	76.8	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
[illegible]	79.4	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
82.2	83.2	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
82.7	83.7	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
83.3	84.3	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
83.3	84.4	85.8	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
83.8	84.8	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
86.1	87.1	88.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
90.0	91.1	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
91.0	92.0	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
92.7	93.3	95.4	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
92.7	93.3	95.6	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
92.7	93.4	96.2	97.3	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
92.8	94.1	96.5	97.7	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
92.8	94.1	96.7	97.9	97.9	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
92.8	94.1	96.8	98.1	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
93.2	94.4	97.2	98.5	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
93.2	94.4	97.2	98.5	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.2	94.4	97.2	98.5	98.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2

CEILING VERSUS VISIBILITY

[illegible] CLIMATOLOGY BRANCH
[illegible] FILE
[illegible] WEATHER SERVICE/MAC

[illegible] JUN A[illegible] SP 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM [illegible] OBSERVATIONS

94.8	66.1	67.2	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
70.6	71.4	73.3	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
71.1	72.2	73.7	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
71.1	72.3	73.8	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
71.2	72.4	73.9	74.0	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
71.7	73.9	74.4	74.5	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
72.8	74.1	75.5	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
73.8	75.1	76.5	76.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
75.2	80.6	82.3	82.4	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
.3	83.7	85.4	85.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
81.7	84.1	85.8	85.9	85.9	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
7.6	84.9	86.7	86.8	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2.6	84.9	86.7	86.8	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
3.4	85.3	87.1	87.3	87.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
.7	87.4	89.2	89.4	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
.2	91.3	93.4	93.7	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
91.3	93.3	94.7	94.9	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
.7	95.2	96.9	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
91.1	93.8	96.7	97.2	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
.1	94.1	97.3	97.9	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.1	94.1	97.4	98.0	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
91.1	94.1	97.4	98.0	98.0	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
91.1	94.1	97.4	98.0	98.0	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.3	94.3	97.7	98.3	98.3	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
92.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
92.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
92.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.5	94.4	97.9	98.5	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 509

2

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

71.9	73.8	74.8	74.9	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
74.6	76.9	77.8	78.0	78.0	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
74.6	76.9	77.8	78.0	78.0	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
74.6	76.9	77.8	78.0	78.0	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
74.8	77.1	78.0	78.1	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7
75.0	77.2	78.2	78.3	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0
76.1	78.3	79.3	79.5	79.5	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
77.0	79.2	80.2	80.3	80.3	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9
81.3	83.5	84.5	84.7	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3
85.1	87.4	88.4	88.5	88.5	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4
85.5	87.7	88.7	88.9	88.9	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
86.3	88.6	89.5	89.6	89.6	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
86.5	88.7	89.7	89.9	89.9	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8
86.6	88.9	89.9	90.0	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0
87.5	89.7	90.8	91.0	91.0	91.6	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0
89.7	92.0	93.2	93.3	93.3	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
90.5	92.7	93.9	94.1	94.1	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7
91.0	93.3	95.2	95.3	95.3	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
91.0	93.3	95.2	95.3	95.3	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
92.2	94.6	96.3	96.7	96.7	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
92.5	94.8	96.5	96.9	96.9	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
92.6	95.0	96.9	97.3	97.3	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3
92.6	95.0	96.9	97.3	97.3	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3
92.7	95.3	97.3	97.6	97.6	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
92.7	95.3	97.4	97.8	97.8	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
92.7	95.3	97.4	97.8	97.8	98.8	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

NATIONAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TUPELO, MS AL SP 73-83 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

65.4	66.7	68.5	69.7	69.8	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	
70.3	71.7	74.1	74.4	74.4	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.1	75.1	75.1	
70.5	72.1	74.3	74.6	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	
70.5	72.1	74.3	74.6	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.3	
70.6	72.3	74.4	74.7	74.8	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.4	
70.9	72.5	74.7	75.0	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	
71.5	73.2	75.3	75.6	75.7	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	
72.9	74.2	76.4	76.7	76.8	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	
77.4	79.1	81.5	81.8	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	
80.8	82.6	85.0	85.5	85.5	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	
81.1	83.0	85.4	85.9	85.9	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	
81.5	83.4	85.8	86.3	86.3	86.8	86.9	86.9	87.0	87.1	87.0	87.0	87.1	87.1	87.1	
81.6	83.5	85.9	86.3	86.4	86.8	86.9	87.0	87.0	87.1	87.0	87.1	87.1	87.1	87.2	
81.8	83.6	86.1	86.5	86.6	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	
83.0	84.7	87.4	87.9	87.9	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	
85.9	87.8	90.4	90.9	91.0	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	92.0	
87.3	89.2	91.9	92.4	92.5	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	
88.3	90.3	93.3	93.9	94.0	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	
88.4	90.4	93.4	94.1	94.2	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.3	
88.8	90.9	94.3	95.0	95.0	95.7	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	
89.1	91.1	94.6	95.4	95.5	96.2	96.3	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	
89.2	91.3	94.9	95.8	95.9	96.6	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	
89.2	91.3	95.0	95.9	96.0	96.7	96.9	97.0	97.3	97.3	97.3	97.3	97.4	97.4	97.4	
89.4	91.5	95.4	96.3	96.4	97.1	97.4	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	
89.5	91.6	95.6	96.6	96.6	97.5	97.8	97.9	98.1	98.1	98.2	98.2	98.3	98.3	98.3	
89.6	91.7	95.8	96.7	96.8	97.6	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	
89.6	91.7	95.9	96.8	96.9	97.8	98.3	98.4	98.7	98.7	98.8	98.8	98.9	98.9	99.0	
89.6	91.7	96.0	96.9	97.0	98.0	98.5	98.6	99.0	99.0	99.0	99.1	99.2	99.2	99.3	
89.6	91.7	96.0	97.0	97.1	98.0	98.5	98.7	99.1	99.1	99.2	99.2	99.3	99.4	99.4	
89.6	91.7	96.0	97.0	97.1	98.0	98.5	98.7	99.2	99.2	99.2	99.3	99.4	99.5	99.6	
89.6	91.7	96.0	97.0	97.1	98.0	98.5	98.7	99.2	99.2	99.2	99.3	99.5	99.6	99.8	
89.6	91.7	96.0	97.0	97.1	98.0	98.5	98.7	99.2	99.2	99.3	99.3	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 6473

USAFETAC [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] TOPEKA, KANSAS 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

53.3	54.2	55.7	55.7	55.7	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
57.3	57.7	59.6	59.7	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
57.3	58.3	60.2	60.3	60.3	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
57.3	58.3	60.2	60.3	60.3	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
57.3	58.3	60.2	60.3	60.3	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
58.0	58.4	60.3	60.4	60.4	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
58.7	59.1	61.0	61.1	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
59.1	59.4	61.4	61.5	61.5	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
60.3	63.3	65.3	65.4	65.4	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
66.9	67.3	69.4	69.5	69.5	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
67.7	68.2	70.2	70.3	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
67.7	68.2	70.2	70.3	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
68.5	69.0	71.2	71.3	71.3	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
69.9	70.3	72.5	72.6	72.6	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
70.6	71.1	73.3	73.4	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
77.2	77.8	80.0	80.1	80.1	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9
79.4	80.3	82.5	82.7	82.7	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
82.8	83.9	86.7	86.8	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
82.9	84.1	86.8	87.0	87.0	87.3	87.4	87.4	87.6	87.5	87.6	87.6	87.7	87.7	87.7	87.7
85.0	85.1	89.5	89.6	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
87.0	88.4	92.3	92.5	92.5	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3
87.7	89.1	93.3	93.4	93.4	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5
87.7	89.1	93.5	93.7	93.7	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7
87.9	89.5	94.0	94.1	94.1	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2
88.0	89.6	94.3	94.5	94.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9
88.3	90.1	95.1	95.3	95.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0
88.3	90.2	95.2	95.5	95.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
88.3	90.2	95.2	95.5	95.5	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4
88.3	90.2	95.3	95.6	95.7	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.8	98.0	98.0	98.0
88.3	90.2	95.3	95.6	95.8	97.4	98.2	98.2	98.3	98.3	98.3	98.6	98.8	98.9	98.9	98.9
88.3	90.2	95.3	95.6	95.8	97.4	98.2	98.2	98.3	98.3	98.3	98.6	98.8	98.9	98.9	98.9
88.3	90.2	95.3	95.6	95.8	97.4	98.2	98.2	98.3	98.3	98.3	98.6	98.9	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 636

[illegible]

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TUCSON AB SP 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

300-500

51.1	51.1	52.8	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3
56.2	56.2	57.9	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7
56.8	56.8	58.5	59.1	59.1	59.1	59.0	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3
56.8	56.8	58.5	59.1	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3
56.8	56.8	58.5	59.1	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3
56.9	56.9	58.7	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.4	59.4	59.4	59.4
57.9	57.9	59.7	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5
58.2	58.2	60.0	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7
63.6	63.6	65.4	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.1
68.3	68.3	70.3	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0
68.9	68.9	71.0	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7
68.9	68.9	71.0	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7
69.4	69.7	72.0	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.8	72.8	72.8	72.8
70.5	70.7	73.1	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
71.5	71.8	74.2	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
76.1	76.3	78.7	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.6
77.9	80.2	82.7	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5
82.7	82.9	85.9	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7
83.1	83.3	86.3	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1
85.7	85.9	89.0	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	90.1	90.1	90.1	90.1
87.7	88.2	91.5	92.1	92.1	92.2	92.2	92.2	92.5	92.5	92.5	92.7	92.7	92.7	92.7
88.1	88.5	92.5	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.7	93.7	93.7	93.7
88.1	88.5	92.6	93.2	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.8	93.8	93.8	93.8
88.2	88.8	93.0	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1
88.3	88.9	93.3	94.0	94.0	94.1	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6
88.4	89.0	93.5	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.9	94.9	94.9	94.9
88.8	89.4	94.0	94.9	94.9	95.1	95.3	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8
88.8	89.5	94.5	95.3	95.3	95.9	96.4	96.8	97.0	97.0	97.0	97.3	97.3	97.3	97.3
88.3	89.5	94.5	95.3	95.3	96.1	96.7	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6
88.8	89.5	94.5	95.3	95.3	96.2	97.1	97.6	97.8	97.8	97.8	98.1	98.2	98.3	98.3
88.8	89.5	94.5	95.3	95.3	96.2	97.1	97.6	97.8	97.8	98.0	98.2	98.4	98.7	98.7
88.8	89.5	94.5	95.3	95.3	96.2	97.1	97.6	97.8	97.8	98.0	98.4	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 637

NATIONAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] PORTLAND AP SP | 70-81 | DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	49.1	50.3	50.5	50.5	50.7	50.8	50.8	50.9	50.9	50.9	[illegible]	51.0	51.0	51.1
[illegible]	53.6	55.3	55.6	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.2	56.2	56.2
53.7	53.9	55.2	55.8	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.5
[illegible]	53.9	55.2	55.8	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.5
53.9	53.9	55.2	55.8	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.5
[illegible]	54.1	55.6	56.2	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.8	56.9	56.9
53.4	55.4	56.9	57.5	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	58.1	58.1	58.2
[illegible]	58.5	59.1	[illegible]	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.4
[illegible]	60.3	61.9	62.5	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.3
[illegible]	66.4	68.3	68.6	68.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.4
67.1	67.3	68.8	69.4	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.3
67.3	67.4	68.9	69.5	69.7	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.4
67.7	67.9	69.4	70.0	70.1	70.3	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.2
[illegible]	68.9	70.5	71.1	71.2	71.3	71.9	71.9	72.0	72.0	72.0	72.0	72.2	72.2	72.3
70.3	70.6	72.2	72.8	72.9	73.0	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	74.[illegible]
75.5	76.0	77.7	78.4	78.5	78.6	79.2	79.2	79.3	79.3	79.3	79.3	79.5	79.5	79.6
79.6	79.1	81.0	81.7	81.8	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.9
82.1	82.6	84.8	85.5	85.7	85.8	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.7
82.2	82.7	84.9	85.8	85.9	86.0	86.6	86.6	86.7	86.7	86.7	86.7	86.9	86.9	87.0
83.6	84.2	86.7	87.7	87.8	88.1	88.6	88.6	88.8	88.8	88.8	88.8	88.9	88.9	89.0
84.7	85.4	88.3	89.4	89.5	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.7
85.3	86.5	89.1	90.2	90.3	90.7	91.3	91.3	91.4	91.4	91.4	91.5	91.6	91.6	91.8
85.8	87.0	89.6	90.7	90.8	91.2	91.8	91.8	91.9	91.9	91.9	92.0	92.1	92.1	92.2
85.9	87.1	89.8	91.0	91.2	91.5	92.1	92.1	92.2	92.2	92.2	92.4	92.5	92.5	92.6
86.4	87.7	90.8	92.1	92.2	92.7	93.3	93.4	93.5	93.5	93.5	93.7	93.8	93.9	93.9
86.5	87.8	91.3	92.7	92.8	93.3	93.9	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.5
86.9	88.3	92.0	93.5	93.7	94.1	95.0	95.1	95.2	95.2	95.2	95.3	95.5	95.5	95.6
87.0	88.3	92.5	94.0	94.1	94.9	95.8	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.[illegible]
87.0	88.3	92.5	94.0	94.1	95.2	96.3	96.7	97.3	97.4	97.4	97.5	97.6	97.6	97.7
87.0	88.3	92.5	94.0	94.1	95.2	96.3	96.7	97.4	97.5	97.6	97.7	98.0	98.1	98.2
87.0	88.3	92.5	94.0	94.1	95.2	96.3	96.7	97.4	97.5	97.6	98.0	98.3	98.4	98.6
87.0	88.3	92.5	94.0	94.1	95.2	96.3	96.7	97.4	97.6	97.7	98.1	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TORREJON AB SP 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

44.3	44.7	46.5	46.8	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
51.3	52.4	54.5	54.9	55.0	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
51.3	52.4	54.5	54.9	55.0	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
51.3	52.4	54.5	54.9	55.0	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
51.3	52.4	54.5	54.9	55.0	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
51.3	52.4	54.5	54.9	55.0	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
52.2	52.8	54.9	55.3	55.4	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1
53.5	54.2	56.3	56.7	56.8	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
56.3	57.2	59.9	60.3	60.4	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
57.9	58.7	61.8	62.2	62.3	62.9	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
58.7	59.6	62.7	63.0	63.2	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
58.9	59.7	62.8	63.2	63.3	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
59.0	59.8	62.9	63.3	63.4	64.0	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4
60.0	60.9	64.1	64.5	64.6	65.3	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
63.2	64.1	67.3	67.7	67.8	68.8	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3
68.9	69.9	73.2	73.6	73.7	74.6	75.1	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5
71.7	72.7	76.4	76.9	77.0	78.2	78.7	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1
74.5	76.1	8 .5	81.1	81.2	82.4	83.0	83.0	83.4	83.5	83.6	83.6	83.6	83.6	83.6
74.9	76.6	81.1	81.7	81.8	83.0	83.6	83.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2
77.2	79.1	84.1	84.7	84.8	86.4	87.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7
78.5	80.4	86.1	86.7	86.8	88.6	89.4	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0
79.1	81.1	87.0	87.7	87.8	89.7	90.6	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3
79.1	81.1	87.0	87.8	87.9	90.0	90.9	90.9	91.4	91.6	91.6	91.7	91.7	91.7	91.7
79.1	81.1	87.1	88.0	88.2	90.4	91.7	91.7	92.2	92.5	92.5	92.6	92.6	92.6	92.6
79.1	81.3	87.6	88.5	88.6	91.1	92.5	92.5	92.9	93.2	93.2	93.3	93.3	93.3	93.3
79.2	81.5	87.9	89.1	89.2	92.0	93.5	93.5	94.0	94.3	94.3	94.4	94.5	94.5	94.5
79.2	81.5	88.2	89.4	89.5	92.2	93.9	94.0	94.7	95.0	95.1	95.2	95.3	95.3	95.3
79.2	81.5	88.3	89.5	89.8	92.6	94.4	94.5	95.5	95.7	95.8	95.9	96.1	96.1	96.1
79.2	81.5	88.4	89.6	90.0	92.7	95.1	95.2	96.5	96.8	96.9	97.4	97.5	97.5	97.8
79.2	81.5	88.4	89.6	90.0	92.8	95.3	95.5	97.0	97.4	97.5	98.0	98.1	98.1	98.6
79.2	81.5	88.4	89.6	90.0	92.8	95.3	95.5	97.0	97.4	97.5	98.0	98.3	98.3	98.8
79.2	81.5	88.4	89.6	90.0	92.8	95.3	95.5	97.0	97.4	97.5	98.0	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TIRBLOOK AL OF 73-81 260

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

46.3	46.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
51.2	51.4	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
51.4	52.1	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
51.4	52.1	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
51.4	52.1	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
51.6	52.2	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
51.9	52.5	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.4	55.0	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
56.9	57.5	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
59.9	60.5	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
60.0	60.1	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
61.3	61.9	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
61.4	61.1	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
62.2	62.9	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
64.5	65.1	67.7	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
72.5	73.1	76.0	76.3	76.3	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
76.0	76.6	79.7	80.0	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
78.5	79.4	83.3	83.6	84.0	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
78.8	79.8	83.6	84.0	84.3	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
80.9	81.8	86.0	86.4	86.7	87.1	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
81.9	82.9	87.7	88.0	88.4	88.9	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
83.3	84.3	89.8	90.2	90.6	91.4	91.5	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
83.5	84.6	90.2	90.9	91.3	92.1	92.2	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
83.6	84.9	90.7	91.5	91.9	92.7	93.2	93.2	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
83.7	84.9	91.4	92.2	92.7	93.5	94.1	94.3	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9
83.7	84.9	92.1	93.1	93.5	94.4	95.1	95.3	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
83.7	84.9	92.2	93.3	93.8	94.7	95.8	96.1	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
83.7	84.9	92.2	93.3	93.9	94.9	96.3	96.7	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7
83.7	84.9	92.2	93.3	94.1	95.1	96.7	97.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
83.7	84.9	92.2	93.3	94.1	95.1	96.7	97.1	98.2	98.3	98.4	98.6	98.9	98.9	98.9	98.9
83.7	84.9	92.2	93.3	94.1	95.1	96.7	97.1	98.2	98.3	98.6	98.7	99.2	99.2	99.2	99.2
83.7	84.9	92.2	93.3	94.1	95.1	96.7	97.1	98.2	98.3	98.6	98.7	99.2	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

2

[illegible] AL CLIMATOLOGY BRANCH
[illegible]
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TORREJON AB SP [illegible] 72-82 [illegible] 365

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible] 1970-1979
FROM HOURLY OBSERVATIONS

45.5	46.7	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
54.7	54.9	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
54.3	54.9	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
54.3	54.9	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
54.3	54.9	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
54.9	55.[illegible]	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
55.9	56.9	57.5	57.5	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
57.8	57.9	59.4	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
61.1	61.2	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
65.3	65.4	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
66.0	66.1	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1
66.5	66.7	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7
67.0	67.1	68.7	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
68.7	68.8	70.3	70.3	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8
71.2	71.3	72.8	72.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3
77.8	78.0	80.0	80.0	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
82.4	82.6	85.0	85.0	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5
84.4	85.2	87.9	87.9	88.0	88.2	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8
85.2	85.9	88.6	88.6	88.8	88.9	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
87.6	88.3	91.5	91.5	91.7	91.9	92.2	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7
88.2	89.1	92.5	92.5	92.7	92.8	93.2	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
88.6	89.6	93.1	93.1	93.3	93.5	94.0	94.3	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
88.8	90.0	93.4	93.5	93.8	94.0	94.7	95.[illegible]	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
89.0	90.2	94.5	94.7	95.0	95.6	96.4	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
89.2	90.4	94.7	95.0	95.2	95.8	96.8	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
89.5	90.7	95.1	95.3	95.7	96.3	97.2	97.5	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
89.5	90.7	95.1	95.3	95.8	96.7	97.6	97.8	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
89.5	90.7	95.1	95.3	95.8	96.9	97.8	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
89.5	90.7	95.1	95.3	95.8	96.9	97.8	98.6	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5
89.5	90.7	95.1	95.3	95.8	96.9	97.8	98.6	99.2	99.2	99.4	99.6	99.9	100.0	100.0	100.0
89.5	90.7	95.1	95.3	95.8	96.9	97.8	98.6	99.2	99.2	99.4	99.6	99.9	100.0	100.0	100.0
89.5	90.7	95.1	95.3	95.8	96.9	97.8	98.6	99.2	99.2	99.4	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	[illegible]
55.7	55.7	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
55.7	55.7	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	[illegible]	[illegible]
55.8	55.8	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
55.8	55.8	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
56.1	56.1	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
57.2	57.2	58.9	58.9	58.9	58.9	58.9	59.	59.3	59.	59.3	59.3	59.3	59.3	59.	59.7
59.9	59.1	60.7	60.7	60.7	60.7	60.7	61.5	61.5	61.5	61.3	61.8	61.8	61.8	61.8	[illegible]
63.4	63.6	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
67.5	68.5	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	7 .4	70.4	70.4	7 .4	[illegible]
69.2	69.1	70.7	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	[illegible]
69.5	69.3	71.1	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
69.3	69.7	71.4	71.6	71.6	71.7	71.7	71.8	71.8	71.5	71.8	71.8	71.8	71.8	71.8	[illegible]
70.1	71.0	72.6	72.9	72.9	73.0	73.0	73.1	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4
71.6	72.4	74.2	74.3	74.3	74.4	74.4	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8
79.7	80.8	82.9	83.0	83.0	83.3	83.3	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6
83.5	84.7	87.3	87.6	87.6	87.8	87.8	87.9	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2
86.4	87.7	90.4	90.8	90.8	91.5	91.5	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9
86.7	88.1	91.0	91.4	91.4	92.2	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6
88.5	90.1	93.1	93.4	93.4	94.3	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6
89.2	9 .8	93.9	94.3	94.3	95.1	95.1	95.2	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5
89.2	9 .9	94.4	94.7	94.7	95.7	95.7	95.8	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1
89.5	91.3	94.7	95.1	95.1	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
89.5	91.3	95.1	95.7	95.7	96.9	96.9	97.	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3
89.5	91.3	95.3	95.9	95.9	97.1	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5
89.8	91.4	95.7	96.3	96.3	97.5	97.5	97.6	97.7	97.8	97.8	98.0	98.	98.0	98.	[illegible]
89.8	91.4	95.9	96.5	96.5	97.7	97.7	98.1	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6
89.8	91.4	96.2	96.8	96.8	98.0	98.1	98.7	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2
89.8	91.4	96.2	96.8	96.8	98.0	98.1	98.7	98.8	99.0	99.2	99.4	99.5	99.5	99.5	99.5
89.8	91.4	96.2	96.8	96.8	98.0	98.1	98.7	98.8	99.0	99.3	99.5	99.6	99.6	99.6	99.6
89.8	91.4	96.2	96.8	96.8	98.0	98.1	98.7	98.8	99.0	99.3	99.5	99.6	99.6	99.6	99.6
89.8	91.4	96.2	96.8	96.8	98.0	98.1	98.7	98.8	99.0	99.3	99.5	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 837

2

CEILING VERSUS VISIBILITY

[illegible]

[illegible] 73-81

PERCENTAGE FREQUENCY OF [illegible] DIFFERENCE FROM HOURLY OBSERVATION

[illegible]	54.0	54.0	55.4	55.4	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
[illegible]	[illegible]	59.7	59.3	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
[illegible]	59.4	[illegible]	[illegible]	[illegible]	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	[illegible]
[illegible]	59.7	[illegible]	[illegible]	[illegible]	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	[illegible]
[illegible]	59.9	[illegible]	[illegible]	61.5	61.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	[illegible]
[illegible]	60.9	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	[illegible]
[illegible]	61.8	62.1	62.1	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	[illegible]
[illegible]	65.2	65.9	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	[illegible]
[illegible]	69.7	70.4	70.4	70.4	70.8	70.8	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	[illegible]
[illegible]	70.8	71.6	71.6	71.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	[illegible]
[illegible]	71.9	72.8	72.8	72.8	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	[illegible]
71.8	72.4	73.2	73.2	73.2	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	[illegible]
[illegible]	74.[illegible]	74.8	74.9	74.9	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	[illegible]
74.9	75.6	76.6	76.7	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	[illegible]
[illegible]	83.3	84.6	84.7	84.7	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	[illegible]
84.4	87.7	88.4	88.5	88.5	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	[illegible]
[illegible]	89.[illegible]	90.8	91.9	91.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	[illegible]
87.0	89.4	91.2	91.3	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	[illegible]
88.4	91.0	93.0	93.2	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	[illegible]
88.1	91.6	93.5	93.8	93.8	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	[illegible]
87.4	92.1	94.0	94.5	94.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]
87.6	92.5	94.4	94.9	94.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	[illegible]
87.6	92.5	94.5	95.1	95.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	[illegible]
[illegible]	93.0	95.2	95.9	95.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	[illegible]
[illegible]	93.1	95.6	96.3	96.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	[illegible]
[illegible]	93.3	95.8	96.5	96.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	[illegible]
[illegible]	93.3	96.1	96.9	96.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
[illegible]	93.3	96.1	97.0	97.0	98.3	98.3	98.4	98.4	98.6	98.7	98.8	98.9	98.9	99.0	[illegible]	[illegible]
[illegible]	93.3	96.2	97.1	97.1	98.4	98.8	98.9	98.9	99.0	99.2	99.4	99.5	99.5	99.5	[illegible]	[illegible]
[illegible]	93.3	96.2	97.1	97.1	98.4	98.8	98.9	98.9	99.0	99.2	99.4	99.5	99.5	99.5	[illegible]	[illegible]
[illegible]	93.3	96.2	97.1	97.1	98.4	98.8	98.9	98.9	99.0	99.2	99.4	99.5	99.51	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 637

[illegible]

CEILING VERSUS VISIBILITY

[illegible]	4[illegible].5	55.3	55.9	56.7	51.1	51.1	51.7	51.2	51.2	51.2	1.2	1.[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	55.1	56.6	56.9	56.9	57.1	57.1	57.1	57.2	57.2	57.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	55.4	56.9	57.1	57.2	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.4	57.0	57.2	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	56.5	57.0	57.2	57.3	57.5	57.5	57.[illegible]	57.6	57.6	57.6	57.6	57.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	56.6	57.2	57.4	57.4	57.6	57.5	57.7	57.7	57.7	57.7	57.7	57.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5[illegible].4	5[illegible].0	5[illegible].2	5[illegible].3	5[illegible].5	58.5	58.5	58.6	58.6	58.6	58.6	58.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.7	59.3	59.5	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.5	63.3	67.5	63.5	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	67.5	67.4	67.7	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.7	68.7	[illegible]	68.8	[illegible]	[illegible]	68.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	69.6	69.8	69.8	69.8	69.8	69.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	[illegible]	[illegible]	[illegible]
[illegible]	67.1	69.2	69.2	69.3	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	[illegible]	[illegible]	[illegible]
67.7	69.4	70.4	70.7	70.7	71.0	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	[illegible]	[illegible]
[illegible]	71.2	72.3	72.6	72.6	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7[illegible].4	79.1	79.4	79.5	79.8	79.9	8[illegible]	80.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.6	83.8	83.[illegible]	83.7	84.[illegible]	84.[illegible]	84.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	83.3	86.3	86.6	86.7	87.1	87.3	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	[illegible]	[illegible]	[illegible]
[illegible]	87.4	86.7	87.1	87.1	87.6	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	[illegible]	[illegible]	[illegible]
[illegible]	85.8	89.1	89.5	89.6	9[illegible].1	90.3	90.4	90.6	90.6	90.6	9[illegible].7	90.7	90.7	90.7	[illegible]	[illegible]	[illegible]
[illegible]	87.1	9[illegible].7	91.2	91.3	91.8	92.1	92.1	92.3	92.4	92.4	92.4	92.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	87.8	91.6	92.1	92.2	93.[illegible]	[illegible]3.2	93.3	93.5	93.5	93.5	93.7	93.7	93.7	[illegible]	[illegible]	[illegible]	[illegible]
86.5	88.1	91.9	92.5	92.6	93.4	93.7	93.7	94.[illegible]	94.[illegible]	94.2	94.1	94.2	94.[illegible]	94.[illegible]	[illegible]	[illegible]	[illegible]
86.6	88.1	92.3	92.0	93.1	94.[illegible]	94.4	94.5	94.7	94.7	94.7	94.8	94.9	94.9	94.[illegible]	[illegible]	[illegible]	[illegible]
86.[illegible]	88.4	92.8	93.5	93.6	94.7	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	[illegible]	[illegible]	[illegible]	[illegible]
86.9	83.5	91.3	94.1	94.2	95.2	95.7	95.8	96.1	96.2	96.2	96.2	96.[illegible]	96.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.7	93.6	94.4	94.5	95.6	96.2	96.4	96.7	96.3	96.5	96.9	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.7	93.8	94.5	94.8	96.[illegible]	96.6	97.0	97.4	97.[illegible]	97.9	97.6	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.7	93.8	94.6	94.9	96.2	97.1	97.4	97.9	98.[illegible]	98.1	98.3	98.4	98.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.7	93.8	94.6	94.9	96.2	97.3	97.7	98.2	98.[illegible]	98.4	98.7	98.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.7	93.8	94.6	94.9	96.2	97.3	97.7	98.2	98.3	98.5	98.7	99.[illegible]	99.1	99.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	88.7	93.8	94.6	94.9	96.2	97.3	97.7	98.2	98.3	98.5	98.8	99.1	99.7	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.4	72.1	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	[illegible]	[illegible]	[illegible]
[illegible]	71.8	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.9	72.6	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	72.3	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	72.3	73.2	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	[illegible]	[illegible]	[illegible]
[illegible]	73.4	73.7	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	[illegible]	[illegible]	[illegible]
73.8	74.2	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	[illegible]	[illegible]	[illegible]
77.7	77.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	82.4	83.3	83.4	[illegible]	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	[illegible]	[illegible]	[illegible]
[illegible]	83.9	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	[illegible]	[illegible]	[illegible]
[illegible]	83.2	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	[illegible]	[illegible]	[illegible]
[illegible]	83.1	84.4	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	[illegible]	[illegible]	[illegible]
[illegible]	84.8	85.4	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	[illegible]	[illegible]	[illegible]
87.9	87.9	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	[illegible]	[illegible]	[illegible]
[illegible]	91.9	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	[illegible]	[illegible]	[illegible]
[illegible]	93.5	93.7	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	[illegible]	[illegible]	[illegible]
97.1	97.9	97.3	95.5	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	[illegible]	[illegible]	[illegible]
[illegible]	94.6	96.2	96.5	96.5	96.7	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	[illegible]	[illegible]	[illegible]
94.2	97.7	96.8	97.7	97.7	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	[illegible]	[illegible]	[illegible]
94.5	95.1	97.2	97.5	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	[illegible]	[illegible]	[illegible]
94.5	97.4	97.3	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	97.5	97.9	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
94.7	97.6	97.7	98.1	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.8	99.0	[illegible]	[illegible]	[illegible]	[illegible]
94.7	97.6	97.8	[illegible]	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.	99.0	[illegible]	[illegible]	[illegible]	[illegible]
94.8	97.7	97.9	98.3	98.4	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.7	98.0	98.4	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	[illegible]	[illegible]	[illegible]
94.3	97.7	98.1	98.4	98.5	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	[illegible]	[illegible]	[illegible]
94.3	95.7	98.0	98.4	98.5	98.9	99.2	99.3	99.5	99.5	99.5	99.5	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
94.3	95.7	98.1	98.4	98.5	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.8	[illegible]	[illegible]	[illegible]
94.3	95.7	98.0	98.4	98.5	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.8	100.0	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 77962

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.	.1					.
[illegible]						.	.3	1.					.
[illegible]						.	[illegible]	1 .3	.7				.
[illegible]					.7	[illegible]	[illegible].3	44.5	13.3				[illegible]
[illegible]					.	[illegible]	77.6	[illegible].3	9.6	[illegible]			.
[illegible]				.	1.5	54.2	[illegible]	84.2	55.4	7.2			.
[illegible]			.	4.2	74.4	[illegible]	[illegible]7.8	97.3	75.4	17.7	.		[illegible].4
[illegible]		.	[illegible]	16.[illegible]	[illegible]3.2	87.7	100.	99.7	87.[illegible]	[illegible].4	2.		.
[illegible]	.	.1	15.6	77.	[illegible]	[illegible]		100.0	[illegible].4	52.[illegible]	1 .	.4	4.
[illegible]	.	1[illegible].	38.5	66.2	91.7	99.[illegible]			[illegible].7	[illegible].7	[illegible]	[illegible]	.
[illegible]	[illegible].1	[illegible]	67.3	93.7	98.[illegible]	100.			100.	96.9	[illegible]	[illegible]2.	[illegible]
[illegible]	[illegible].3	74.[illegible]	89.4	[illegible]	100.					100.[illegible]	[illegible].3	55.[illegible]	.
[illegible]	.	[illegible].4	96.4	[illegible].5							[illegible].2	[illegible]	.
[illegible]	.	[illegible].7	99.6	1 .3							[illegible]	96.	.
[illegible]	9.7	99.3	100.								.	99.5	.
[illegible]	.	100.0										[illegible]	[illegible]
MEAN	[illegible]	[illegible].2	57.8	62.6	[illegible]	[illegible]	8[illegible].2	[illegible]	[illegible]	5[illegible].6	5[illegible].3	[illegible]	[illegible]
	[illegible]	[illegible].235	[illegible].183	[illegible]65	[illegible].575	[illegible]	[illegible]6	6.369	8.[illegible]	7.[illegible] 4	6.374	[illegible]	[illegible]
TOTAL OBS	[illegible]	677	74[illegible]	717	744	71[illegible]	744	744	72[illegible]	[illegible]74	[illegible]	[illegible]	[illegible]

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY [illegible]

[illegible] 3[illegible] [illegible]

DAILY TEMPERATURES

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							[illegible]	.1					.
[illegible]						[illegible]	[illegible].4	[illegible].2	[illegible]				.
[illegible]					[illegible]	[illegible]	1[illegible].8	11.3	[illegible]				.
[illegible]					[illegible].2	1[illegible]	54.[illegible]	49.6	17.1	.			[illegible]
[illegible]				[illegible]	13.[illegible]	47.8	[illegible]2.9	[illegible].9	[illegible]	[illegible]	.	.	[illegible]
[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible].8	[illegible].4	7[illegible]	98.5	96.9	79.3	[illegible]	[illegible]	2.[illegible]	[illegible]
[illegible] 4	7.[illegible]	[illegible]	17.	[illegible].3	65.3	94.2	100.0	99.6	94.[illegible]	[illegible]3.6	1[illegible]	9.5	[illegible]
[illegible]	[illegible]2.[illegible]	[illegible]	[illegible]8.2	[illegible]	96.6	99.9		100.0	96.5	[illegible].5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	52.3	69.7	87.[illegible]	98.5	100.[illegible]			100.[illegible]	[illegible].3	[illegible]9.9	4[illegible]	[illegible]
[illegible]	[illegible]	[illegible]7.3	76.[illegible]	92.9	99.5					97.7	76.[illegible]	5[illegible].	[illegible]
[illegible]	[illegible]6.[illegible]	7[illegible]	89.9	97.8	99.9					[illegible].5	[illegible].4	[illegible]1.3	[illegible]
[illegible]	88.5	92.2	97.[illegible]	99.5	100.[illegible]					99.9	[illegible]7.5	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible].5	99.6	100.0						[illegible]	100.	[illegible]	[illegible]
≥ [illegible]	[illegible].7	99.7	100.[illegible]									99.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]9.9										[illegible]	[illegible]
[illegible]		[illegible]											.
MEAN	[illegible].4	[illegible]	[illegible]7.	41.2	46.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.4	[illegible].3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].727	5.577	5.998	[illegible]	[illegible].175	4.[illegible]19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]77	74[illegible]	71[illegible]	744	71[illegible]	[illegible]44	744	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]								.1					
[illegible]							.3	.8					
[illegible]						[illegible]	17.6	11.2	.5				
[illegible]					.4	17.2	51.3	45.4	11.7				
[illegible]					5.9	37.5	81.1	83.4	35.6	.6			
[illegible]				.4	.3	85.5	97.8	96.9	64.6	7.9			
[illegible]		.1	1.7	6.2	46.5	87.5	99.9	100.0	91.2	76.2	.3		
[illegible]	.5	2.1	12.4	33.5	75.7	95.2	100.0		97.8	68.3	5.7	1.1	
[illegible]	4.1	19.5	41.2	70.2	94.1	100.0			100.0	91.1	35.1	11.3	
4	22.5	42.1	72.1	93.2	99.5					95.3	72.7	36.6	75.4
[illegible]	46.4	87.9	92.6	98.9	100.0					99.2	91.8	67.1	[illegible]
15	1.9	95.5	99.7	100.0							99.3	91.5	[illegible]
[illegible]	96.1	97.4	100.0								100.0	95.7	99.7
[illegible]	98.1	98.7										99.7	[illegible]
[illegible]		99.9										100.0	[illegible]
[illegible]		100.0											[illegible]
MEAN	[illegible]	44.2	48.[illegible]	52.2	59.1	67.2	74.6	72.7	67.1	57.3	47.3	42.[illegible]	[illegible]
S.D.	[illegible]	5.369	5.694	5.118	6.331	6.434	4.538	4.372	5.377	5.672	5.344	[illegible]	[illegible]
TOTAL OBS	[illegible]	677	7[illegible]	[illegible]	744	71[illegible]	744	744	72[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]

USAFETAC FORM 0-21-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION: [illegible] STATION NAME: [illegible] YEARS: 67-91

HOURLY DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										* 73	64*	[illegible]	
[illegible]	* 57*	69*	71	82	96	97	[illegible]	97	[illegible]	[illegible]	69	[illegible]	[illegible]
[illegible]	[illegible]	67	69	74	[illegible]	99	101	95	[illegible]	77	67	[illegible]	[illegible]
[illegible]	* 65	74	79*	77	92	97	95	95	93	68	65	[illegible]	[illegible]
[illegible]	64	69	76	74	89	94	96	97	43	[illegible]	67	[illegible]	97
[illegible]	61	64	67	63	83	92	96	99	94	[illegible]	65	[illegible]	[illegible]
[illegible]	[illegible]	61	[illegible]	72	82	95	95	97	87	[illegible]	64	[illegible]	[illegible]
54	[illegible]	64	68	77	82	94	96	95	94	83	67	[illegible]	[illegible]
55	57	[illegible]	76	77	[illegible]	99	98	103	[illegible]	76	66	[illegible]	[illegible]
56	61	61	66	75	87	95	104	101	99	74	[illegible]	[illegible]	[illegible]
57	[illegible]	64	73	77	93	96	106	96	91	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	59	74	77	83	101	101	97	[illegible]	67	71	[illegible]	[illegible]
[illegible]	[illegible]	56	63	76	83	95	101	99	94	74	65	[illegible]	[illegible]
[illegible]	[illegible]	63	66	61	88	94	98	94	93	85	76	[illegible]	[illegible]
[illegible]	[illegible]	65	62	71	75	91	[illegible]	98	97	[illegible]	56	[illegible]	[illegible]
[illegible]	[illegible]	57	69	73	89	93	96	93	82	71	64	[illegible]	[illegible]
73	57	62	64	75	86	91	98	100	93	75	69	[illegible]	[illegible]
74	61	60	73	71	91	91	106	100	97	78	66	[illegible]	[illegible]
75	61	64	66	78	75	91	102	104	[illegible]	85	71	[illegible]	[illegible]
76	[illegible]	[illegible]	78	77	86	95	96	105	87	[illegible]	62	[illegible]	[illegible]
77	57	4	75	82	84	91	100	96	93	84	59	[illegible]	[illegible]
78	59	56	71	73	79	82	104	93	95	86	69	[illegible]	104
79	51	62	59	69	84*	93	102	96	93	82	75*	[illegible]	102
[illegible]	54	64	73	75	77	95	100	102	92	86	72	59	[illegible]
[illegible]	63	64	75	73	82	103	102	93	91	82	75	63	[illegible]
MEAN	[illegible]	63.1	[illegible]	73.1	84.3	93.4	99.7	98.0	91.0	78.9	67.4	[illegible]	[illegible]
S D	[illegible]	4.729	[illegible]	3.943	4.821	4.154	2.669	3.173	4.772	[illegible]	4.[illegible]	[illegible]	[illegible]
TOTAL OBS	741	677	741	717	744	719	744	744	72[illegible]	774	[illegible]	723	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0 88 5 (OLA)

A (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

[illegible] STATION · [illegible] STATION NAME · 57-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]									*	[illegible]	[illegible]*	[illegible]	
[illegible] *	[illegible]*	26*	[illegible]	[illegible]	43	49	52	51	50	41	32	[illegible]	* [illegible]
[illegible]	[illegible]	31	[illegible]	41	[illegible]	47	57	55	52	43	35	[illegible]	[illegible]
[illegible] #	[illegible]	26	37*	34	39	55	54	[illegible]	47	37	[illegible]	[illegible]	* [illegible]
[illegible]	[illegible]	31	34	[illegible]	44	44	53	[illegible]	49	39	32	[illegible]	[illegible]
[illegible]	[illegible]	27	[illegible]	32	34	39	[illegible]	52	47	38	[illegible]	11	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	29	37	41	48	46	43	[illegible]	33	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	45	54	[illegible]	47	29	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	19	23	31	41	42	51	47	39	43	23	[illegible]	[illegible]
[illegible]	[illegible]	32	[illegible]	35	39	44	50	49	47	32	25	[illegible]	[illegible]
[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	42	[illegible]	45	43	31	[illegible]	17	17
[illegible]	[illegible]	24	[illegible]	[illegible]	33	37	[illegible]	51	41	35	26	[illegible]	[illegible]
[illegible]	[illegible]	31	26	[illegible]	39	39	[illegible]	[illegible]	[illegible]	37	24	[illegible]	[illegible]
[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]	44	51	53	[illegible]	[illegible]	30	17	17
[illegible]	[illegible]	24	17	[illegible]	[illegible]	39	51	44	[illegible]	37	21	[illegible]	[illegible]
[illegible]	17	26	25	24	[illegible]	37	46	45	39	[illegible]	26	[illegible]	17
[illegible]	[illegible]	19	19	[illegible]	35	46	51	53	37	[illegible]	23	24	[illegible]
[illegible]	[illegible]	[illegible]	24	[illegible]	[illegible]	42	[illegible]	44	37	24	21	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39	53	46	[illegible]	[illegible]	24	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	24	[illegible]	37	42	55	55	44	[illegible]	24	[illegible]	[illegible]
[illegible]	[illegible]	32	[illegible]	[illegible]	33	[illegible]	48	44	[illegible]	41	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	19	[illegible]	[illegible]	[illegible]	39	46	46	42	37	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	19	[illegible]	[illegible]	[illegible]*	46	[illegible]	51	[illegible]	37	[illegible]	[illegible]	* [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36	46	45	54	[illegible]	[illegible]	27	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	41	[illegible]	52	[illegible]	32	34	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.241	2.795	3.644	[illegible]	[illegible]	4.196	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	717	744	719	744	744	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAFETAC OCEANOLOGY BRANCH
OLDFIELD
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: JAN

PAGE [illegible] HOURS: [illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55		.4																2	2		
-- / 5[illegible]		1.9	.7	.4														17	17	5	
/ 51	.1	1.4	.8	.7														25	25	9	9
5 / 4[illegible]		1.7	.6	.1														[illegible]	[illegible]	21	17
/ 47	.5	4.1	1.2															45	43	42	34
-- / 4[illegible]	.2	6.2	1.4															56	56	47	47
4 / 4[illegible]	.6	5.[illegible]	2.0	.2	.2													72	72	55	44
-2 / 41	.5	4.6	1.6	.5														61	61	54	54
/ 7[illegible]	1.2	4.7	2.2	.7														73	73	57	54
3 / 37	.5	3.3	2.3	.2														53	53	56	69
/ 3	.7	6.9	3.9	.4														103	107	55	54
3 / 33	.6	6.2	3.[illegible]															62	62	45	45
/ 31	.4	5.7	1.5															66	65	33	55
-- / 2[illegible]	1.1	6.7	1.[illegible]															73	73	40	75
/ 2[illegible]	1.1	3.6	1.5															54	54	50	134
-- / 25		1.9																19	16	31	72
/ 23		.5																4	4	15	45
-1 / 21		.2																2	2	3	32
/ 17																				2	17
-- / 13																					1[illegible]
1 / 15																					7
-- / 13																					1
TOTAL	.4	64.5	24.3	3.2	.2													836	55	836	955

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	5[illegible]4[illegible]1	69452	83.1	9.714	836							
Dry Bulb	1,537,7	31311	36.1	7.2[illegible]5	836		23.[illegible]					[illegible]3
Wet Bulb	1132756	30174	36.1	7.112	836		33.[illegible]					[illegible]3
Dew Point	[illegible]8[illegible]2	27504	33.5	8.157	836		47.1					93

USAFETAC FORM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81 MONTH: JAN

PAGE [illegible] HOURS: [illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / [illegible]		.[illegible]																				
[illegible] / [illegible]		.6	.5		.2													.1	.1	[illegible]		
/ [illegible]		1.0	.2	.4														[illegible]	[illegible]	[illegible]		[illegible]
[illegible] / [illegible]	.1	1.[illegible]	.5	.5														[illegible]	[illegible]	[illegible]		[illegible]
/ 47		3.5	.6															36	34	[illegible]		[illegible]
[illegible] / 42	.2	2.6	.8	.2														51	51	[illegible]		[illegible]
[illegible] / 4[illegible]	.5	5.3	1.0															55	55	[illegible]		[illegible]
[illegible] / 41	1.[illegible]	5.[illegible]	1.3	.7														53	53	[illegible]		[illegible]
/ [illegible]	1.3	4.3	2.[illegible]	.4														71	71	67		[illegible]
[illegible] / [illegible]	1.2	2.6	1.[illegible]	.1														41	41	[illegible]		[illegible]
/ [illegible]		6.2	2.2	.4														73	73	[illegible]		[illegible]
3 / [illegible]	.4	6.0	2.3															72	72	[illegible]		[illegible]
/ [illegible]	.6	3.2	1.															[illegible]	[illegible]	[illegible]		[illegible]
/ [illegible]	.5	1.4	.5															[illegible]	[illegible]	131		[illegible]
/ [illegible]	.1	7.5	1.2															[illegible]	[illegible]	77		1.1
/ 25	1.[illegible]	3.1																37	37	[illegible]		[illegible]
/ 22	.1	1.3																16	17	[illegible]		[illegible]
/ 21	.5	1.1																13	13	1[illegible]		[illegible]
/ 1[illegible]		.4																5	5	[illegible]		[illegible]
/ 17																				[illegible]		[illegible]
3 / 1[illegible]																						[illegible]
/ 1[illegible]																						[illegible]
TOTAL	.1	171	115	2.6	.2														836			836
																		836		836		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	6 3[illegible]5.6	7 5[illegible]2	89.5	9.391	836							
Dry Bulb	1154[illegible]7	3 4[illegible]1	36.4	7.695	836		23.3					[illegible]
Wet Bulb	1304062	29 12	34.7	7.522	836		41.[illegible]					[illegible]
Dew Point	[illegible]175[illegible]0	26778	32.0	8.405	836		55.[illegible]					[illegible]

USAFETAC FORM 0265 (OL-A) 1-74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — [illegible]RREJON AB SP STATION NAME — 73-81 YEARS — [illegible] MONTH

PAGE [illegible] — [illegible]-[illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 5		.0	.1															[illegible]	[illegible]			
[illegible] / [illegible]		.5	.2	.1	.1													11	11	[illegible]		
[illegible] / [illegible]	.1	1.6		.5														[illegible]	[illegible]	[illegible]		[illegible]
[illegible] / [illegible]	.1	.1		.5														5	5	[illegible]		[illegible]

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567

USAFETAC FORM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS

WET BULB TEMPERATURE DEPRESSION (F)

Temp F | 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | TOTAL Dry Bulb | TOTAL Wet Bulb

* * * * * VAX/VMS 11/780 TIME/SHARING EXEC --- MULTI-PROCESSOR SYSTEM --- REV. 3.5R2.0.6

Element X:	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point F												

PART NUMBER: INPUT DEVICE: CRT

FILE NAME: LSTFILE CREATED AT: 8:18:51 OCT 09,1982 PRINTED

USAFETAC FORM AK 64 0 26 5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ART 1 AVAILABLE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS

Temp °F	WET BULB TEMPERATURE DEPRESSION °F.																														TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31			

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T.D.
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

[illegible]

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

PAGE [illegible] HOURS (L.S.T.) [illegible]

Temp F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.4																[illegible]	[illegible]		
[illegible]		1.[illegible]	.[illegible]	.4														[illegible]	[illegible]	[illegible]	
[illegible]	.1	1.4	.5	.7														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		1.[illegible]	.[illegible]	.1														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	4.[illegible]	1.7															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible].2	1.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible]	1.[illegible]	.[illegible]	.[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible]	1.[illegible]	.[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible]	[illegible]	.7														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible]	[illegible].3	.[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].9	[illegible]	.4														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible].2	[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.4	5.7	1.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].7	1.[illegible]															73	73	[illegible]	[illegible]
[illegible]	.[illegible]	3.[illegible]	1.[illegible]															[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]		1.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]	[illegible]	[illegible]	[illegible].3	[illegible]	.[illegible]														[illegible]		[illegible]
																		[illegible]		[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible].71[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]		[illegible]					[illegible]3
Wet Bulb	1132[illegible]	[illegible]194	3[illegible].1	7.112	336		33.[illegible]					[illegible]3
Dew Point	[illegible]72	27[illegible]4	[illegible].3	8.157	336		47.1					[illegible]3

USAFETAC FORM JUL 64 0 26 5 (OL A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3	4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.[illegible]																											[illegible]	[illegible]		
[illegible]		.[illegible]		.[illegible]																									[illegible]	[illegible]	[illegible]	
[illegible]		[illegible]	.2	.4																									[illegible]	[illegible]	[illegible]	
[illegible]	.[illegible]	1.[illegible]	.5	.5																									[illegible]	[illegible]	[illegible]	
[illegible]		[illegible]	.6																										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	5.6	.5	.2																									[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	5.3	1.0																										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.0	6.9	1.3	.7																									[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.[illegible]	4.5	[illegible]	.4																									[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.2	[illegible]	[illegible]	.1																									[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	2.2	.4																									[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.4	5.0	2.3																										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.2	1.0																										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	.4	.5																										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	7.5	1.2																										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.[illegible]	3.1																											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	1.5																											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	1.1																											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.4																											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																															[illegible]	[illegible]
[illegible]																																[illegible]
[illegible]																																[illegible]
[illegible]	.1.[illegible]	1.11	[illegible]	2.6	.2																								[illegible]	[illegible]	[illegible]	[illegible]
																													[illegible]		[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]

USAFETAC FORM JUL 64 0 265 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] [illegible]

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		[illegible]	[illegible]															[illegible]	[illegible]			
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]													11.	11.	[illegible]		
[illegible]	[illegible]	1.5		[illegible]														[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]														5.	5.	[illegible]		13
[illegible]		[illegible]	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	5.5	[illegible]	[illegible]														55.	55.	[illegible]		34
[illegible]	[illegible]	3.2	[illegible]	[illegible]														45	47	57		[illegible]
[illegible]	[illegible]	5.[illegible]	1.2	[illegible]														57.	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	4.5	1.9	[illegible]														[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	1.2	4.1	1.3	[illegible]														57.	57.	[illegible]		[illegible]
[illegible]	[illegible]	5.7	1.7	[illegible]														[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	4.7	1.2	[illegible]														57	57.	[illegible]		[illegible]
[illegible]	[illegible]	2.4	1.[illegible]															[illegible]	71	67		[illegible]
[illegible]	[illegible]	7.7	[illegible]															74	74.	[illegible]		[illegible]
[illegible]	[illegible]	7.2	1.[illegible]															112	113	[illegible]		[illegible]
[illegible]	1.7	5.5																71.	71.	[illegible]		[illegible]
[illegible]	[illegible]	3.[illegible]																[illegible]	[illegible]	45		[illegible]
[illegible]	[illegible]	1.5																[illegible]	[illegible]	[illegible]		[illegible]
[illegible]		[illegible]																[illegible]	[illegible]	[illegible]		[illegible]
[illegible]		[illegible]																4.	[illegible]	[illegible]		[illegible]
[illegible]																				[illegible]		[illegible]
[illegible]																						[illegible]
[illegible]	[illegible]																	1	1	[illegible]		[illegible]
[illegible]																						[illegible]
[illegible]	[illegible].67	[illegible].5	[illegible].5	2.4	[illegible]														[illegible]			[illegible]
																		8[illegible].		8[illegible]		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel Hum	[illegible]	[illegible]	[illegible]	9.214	536							
Dry Bulb	[illegible]	[illegible]	35.2	8.105	537		[illegible]					[illegible]
Wet Bulb	[illegible]	[illegible]	33.7	7.935	536		43.9					[illegible]
Dew Point	[illegible]	[illegible]	31.1	8.353	536		53.3					[illegible]

USAFETAC FORM AM 0 26 5 (OL A) REVISE PREVIOUS EDITIONS [illegible]

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | 73-83 YEARS

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
/ 57			.1																		
5 / 55		.4	.2																		
/ 53		1.1	.2	.0	.4													1	.9		
/ 51		1.2	.7	.3	.4														.6	.1	
/ 49		.5	.7	.1														1	1.2	1.9	
/ 47	.5	2.4	.7	.1														32	32	3	
/ 45	.5	7.4	1.6	1.3														53	47	50	17
47 / 43	1.1	4.5	1.7	.2														55	55	76	43
/ 41	.2	4.9	2.2	2.0														75	74	2	2
/ 39	.5	4.2	3.9	.6	.1													81	81	42	55
/ 37	1.2	5.0	2.9	1.1														74	54	65	13
/ 35		4.5	3.2	.4														55	58	97	57
3 / 33	.5	6.2	2.3	.2														42	43	75	7
/ 31	.4	2.9	1.1															30	37	1 2	42
/ 29	.2	5.9	1.1															59	59	59	79
/ 27	1.5	3.0	.1															45	46	52	45
/ 25	.5	2.5																40	45	30	54
/ 23	.6	1.4																17	17	26	59
27 / 21		.6																2	5	5	21
/ 19		.5																4	4	5	21
/ 17																				9	7
/ 15																					4
/ 13																					3
1 / 11																					3
TOTAL	.9	50.0	22.5	7.4	.8														37		35
																		535		576	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	5736.03	5[illegible]42	5[illegible].1	10.42	534							
Dry Bulb	12042.3	71921	35.1	7.484	537		21.5					93
Wet Bulb	112447	7[illegible]133	36.[illegible]	7.223	535		32.4					93
Dew Point	45457	27573	32.[illegible]	8.126	536		45.5					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
A[illegible]T[illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 73-81 YEARS | [illegible] MONTH

PAST [illegible] HOURS 12[illegible]-14[illegible]

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57											.1							1	1		
-4/ 53							.1											1	1		
/ [illegible]						.1	.2	.1										4	4		
- / 49					.1	.5	.1	.2										9	9		
/ 57		.1	.6	.5	.5	.1	.6											[illegible]	6		
5 / 55		.7	1.2	.5	1.1	.7	.2											38	38	1	
/ [illegible]		1.0	1.6	1.0	2.7	1.[illegible]												65	65	11	[illegible]
/ [illegible]		1.1	2.3	1.7	2.2	1.3												68	68	27	11
/ [illegible]		1.7	2.3	1.1	1.2	.5												56	56	[illegible]	17
/ 47	.1	2.7	3.3	4.9	1.6	1.6	.1											123	123	7[illegible]	31
/ 45	.1	4.3	6.3	5.5	3.2	.2												162	162	95	49
/ 43	.1	1.9	2.3	2.2	2.6	.5												8[illegible]	82	1[illegible]	65
/ 41		3.3	3.1	3.7	.[illegible]	.2												92	92	132	55
/ 39		2.3	2.6	1.3	.6													57	57	1[illegible]6	82
/ 37	.1	.7	1.2	.7														24	24	47	91
/ 35		1.3	.7	.1														21	21	71	131
3 / 33		1.3	.3															13	13	4[illegible]	61
-/ 31	.1	.1																[illegible]	2	3[illegible]	5[illegible]
/ 29		.4																3	3	5	74
-/ 27	.1																	[illegible]	1	2	57
/ 5																					[illegible]
-/ 23																					[illegible]
/ 21																					[illegible]
/ 19																					4
/ 17																					[illegible]
[illegible]	.5	23.1	27.4	23.3	1[illegible].5	6.5	1.4	.4			.1								837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	[illegible]15[illegible]4[illegible]3	[illegible]75[illegible]3	63.[illegible]	15.248	837							
Dry Bulb	1[illegible]31138	38[illegible]5[illegible]1	45.4	5.775	837		.7	.1				93
Wet Bulb	1[illegible]7[illegible]2[illegible]8	34923	41.7	5.174	837		3.4					93
Dew Point	113[illegible]531	30202	36.1	6.983	837		30.3					93

USAFETAC FORM 0 26 5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL D.P.	TOTAL Rel. Hum.
/ 99																							
/ 87											.1									1	1		
6/ 85								.1												1	1		
+/ 83							.4	.5	.5	.1										1	1		
/ 81						.6	.4	.4	.1											14	14		
/ 79			.2		1.2	.7	1.9	.5												24	24		
/ 77			.5	.8	.5	1.5	1.5	1.2												1	1		
5 / 75		.1	1.3	1.2	1.5	4.3	1.6													39	35	4	
+/ 73		2.3	1.7	2.2	2.	1.3	1.5													42	42	1	
/ 71	.2	.6	2.9	3.1	2.2	1.0	.6													43	42	4	15
/ 69		1.5	2.2	2.4	1.8	1.8	.1													46	32	14	17
- / 67	.1	1.1	2.4	4.8	1.5	2.2	.1													1 3	1 3	11	25
- / 65	.1	3.5	2.	2.9	3.3	.7														176	175	175	72
+/ 63		1.9	1.4	2.5	1.4															52	52	141	4
/ 61		1.5	1.0	1.5	.1	.4														43	43	172	55
/ 59		.7	1.1		.5															19	19	55	74
2 / 57	.1		.2	.2	.2															7	7	75	1 3
/ 55		.4	.1	.1																6	6	75	55
3 / 53	.4	.7	.1																	1	1	12	5
/ 51																						15	47
/ 49																						2	2
/ 47																							55
/ 45																							25
/ 43																							11
2 / 41																							7
/ 39																							4
/ 37																							1
/ 35																							5
TOTAL	1.	14.5	17.4	22.1	17.1	15.4	.4	3.1	.6	.1	.1	.2									537		537
																				537		537	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3442371	51732	61.6	17.12	537							
Dry Bulb	2135352	42334	57.2	6.06	537			.3				.3
Wet Bulb	1527571	36589	47.5	4.81	537		1.7					.3
Dew Point	1160556	18549	35.6	7.11	537		27.5					.3

USAFETAC FORM 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24 STATION | TORREJON AB SP STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 3 | 1800-2200 HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
/-1							.1											1	1			
-/-29					.1	.1		.1										3	3			
/-27			.1	.2	.2	.2	.4	.1										11	11			
5-/-25		.1	.7	.5	.4	.5	.1											19	19			
-/-23		1.3	2.3	1.7	1.6	1.7	.1											56	56			
-/-21		1.9	2.4	1.2	1.2	.8	.4											66	66	24		12
/-19		1.3	1.9	.5	.7	.4												45	45	45		8
-/-17	.1	2.7	2.6	1.7	1.3	.7												77	77	72		34
-/-15		4.7	6.9	2.5	1.5	.1												132	132	75		53
-/-13	.2	3.8	3.6	3.6	1.8													127	127	95		45
/-11		4.5	7.4	3.6	.4													118	118	123		73
-/-9		3.3	4.5	1.7	.2													82	82	78		55
-/-7	.3	1.4	2.4	.6	.1													47	47	116		102
-/-5	.1	1.3	.5	.5														24	24	53		77
2-/-3		1.9	1.0	.7														32	32	47		54
-/-1	.1	.7	.6	.1														15	15	35		53
/1		.2	.2															4	4	16		76
-/3		.1																1	1	7		93
/5																				1		36
/7																						13
-/9																						7
-/11																						0
/13																						0
/15																						1
TOTAL	1.4	29.2	35.5	19.2	9.6	3.8	1.1	.2											837		837	
																		837		837		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4552434	59559	71.314	4.316	837							
Dry Bulb	1595573	37341	44.6	5.959	837		2.					93
Wet Bulb	1403413	34025	40.7	5.497	837		6.3					73
Dew Point	1112905	29933	35.8	7.124	837		32.6					73

USAFETAC FORM NO. 0 26 5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2[illegible]	TUNRIJUN AB SP	[illegible]-81	JAN

PAGE 1 2120-2720 HOURS

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]			.1															1	1		
5 / [illegible]		.4																2	2		
/ [illegible]		.5	1.1		.1													16	15	4	
/ [illegible]		2.[illegible]	1.3	.5														32	32	5	[illegible]
/ [illegible]		1.7	1.1	.7														29	29	13	7
/ 47		3.3	2.0	.2														47	47	[illegible]	[illegible]
/ 45	.1	4.9	2.7	.4														68	68	52	6
4/ 43	.7	4.9	3.5	.8	.1													54	54	51	32
/ 41	.[illegible]	6.5	4.2	2.2	.[illegible]													119	119	[illegible]	52
/ [illegible]	.4	3.5	5.5	1.4														90	90	[illegible]	54
/ [illegible]	.5	5.8	4.7	.5														96	96	66	59
/ [illegible]	.4	6.[illegible]	4.9	.2														93	93	120	64
3 / 33	.5	3.5	2.6	.7														62	62	177	75
/ 31		2.4	1.7															32	32	96	47
/ [illegible]	.1	3.6	1.1	.2														42	42	51	65
/ [illegible]	.1	1.3	1.															20	20	31	45
/ 25		.4																3	3	16	67
/ 23																				3	34
/ 21																					21
/ 19																					15
/ 17																					2
/ 15																					3
[illegible]	.3	30.5	37.3	6.2	.5														837		837
																		837		877	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5435 40	66832	79.81	8.866	837							
Dry Bulb	1572299	33455	4[illegible]	6.254	837		1[illegible].5					93
Wet Bulb	1211103	31403	37.5	6.280	837		21.					93
Dew Point	1020825	28541	34.1	7.546	837		41.1					93

USAFETAC FORM 0-265 (OL-A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
AT[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION TORREJON AB SP STATION NAME 73-81 YEARS [illegible] HOURS

PAGE [illegible] HOURS 4[illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																		[illegible]	[illegible]		
[illegible]											.2							2	2		
[illegible]								.2										1	1		
[illegible]							.1	.1	.1	.2								13	13		
[illegible]						.1	.1	.1	.3									19	19		
[illegible]			.2		.1	.2	.3	.1										51	51		
[illegible]		.1	.2	.2	.2	.3	.3	.2										95	95		
[illegible]		.4	.4	.3	.4	.7	.2											104	104	3	
[illegible]		1.1	1.	.6	.9	.4	.2											297	297	47	3
[illegible]	.1	1.3	1.3	1.1	.7	.4	.1											342	342	144	21
[illegible]	.1	1.2	1.1	.7	.5	.3	.1											260	260	274	55
[illegible]	.2	2.6	1.7	1.2	.6	.5	.1											489	489	413	177
[illegible]	.3	5.4	2.6	1.6	1.[illegible]	.1												753	753	554	435
[illegible]	.6	3.9	2.[illegible]	1.2	.5	.1												571	571	652	374
[illegible]	.4	4.9	2.5	1.6	.2	.1												561	561	649	457
[illegible]	.6	3.5	3.1	.6	.2													537	537	625	518
[illegible]	.7	2.6	2.[illegible]	.5	.													[illegible]	[illegible]	565	567
[illegible]	.1	4.0	2.2	.3														446	446	573	534
[illegible]	.4	3.6	1.6	.2														4[illegible]	4[illegible]	5[illegible]	453
[illegible]	.2	2.2	.9	.1														221	221	495	371
[illegible]	.3	4.4	.5	.1														35[illegible]	75[illegible]	4[illegible]	572
[illegible]	1.4	2.9	.6															333	334	343	774
[illegible]	.5	1.6																193	197	273	4[illegible]9
[illegible]	.2	.8																55	55	111	356
[illegible]	.1	.5																43	47	35	2[illegible]
[illegible]		.2																12	12	31	127
[illegible]		.1																2	[illegible]	11	53
[illegible]																				1	35
[illegible]																					15
[illegible]	.1																	1	1	1	5
[illegible]																					2
TOTAL	.247	.923	.9	1.1	5.7	3.2	1.4	.4	.1	.1	.2	.2						6692	2574	6692	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4[illegible]36774	516[illegible]	77.2	14.72	6692							
Dry Bulb	11[illegible]5443	275212	41.1	5.409	6594		132.7	.4				744
Wet Bulb	10046388	234562	35.7	7.354	6692		165.3					744
Dew Point	8164161	227471	34.0	8.035	6692		328.3					744

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

[illegible] [illegible] 73-81

STATION | STATION NAME | YEARS | MONTH

[illegible] HOURS

Temp. F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-7	[illegible]														.1																				1		1		
/	[illegible]										.1																						1		1		
/	[illegible]		.1						.1		.1																						2		2		
5 /	[illegible]		1.4																														11		11	3	
-7	[illegible]	.4	1.2		.3		.1		.1				.1																				[illegible]		[illegible]	15	11
/	[illegible]	.1	2.1	1.[illegible]			.5						.1																				30		[illegible]	11	[illegible]
5 /	[illegible]	.1	[illegible]		.5		.4																										25		25	[illegible]	13
/	47	.1	2.5	1.6	1.																												42		42	37	44
-7	4[illegible]	.8	7.7	1.6		.4		.1																									52		52	45	4[illegible]
-7	43	1.7	2.9	2.9		.4																											54		54	36	55
/	41	.5	4.2	3.[illegible]		1.2		.1																									59		59	45	4[illegible]
-7	[illegible]	.4	5.2	3.9		.5																											75		75	47	43
/	3[illegible]	[illegible]	5.2	3.5		.9		.1																									9[illegible]		9[illegible]	47	5[illegible]
/	3[illegible]	.7	[illegible]	[illegible]		1.6																											49		49	[illegible]	9[illegible]
3 /	33		2.9	3.1		.4																											45		45	75	55
/	3[illegible]		3.1	1.4																													35		35	75	51
/	[illegible]	.1	1.4	1.3		.1																											23		23	47	[illegible]
/	[illegible]	1.3	1.5	.3		.1																											25		25	75	7[illegible]
/	25		1.3	.1																													11		11	15	34
/	2[illegible]	[illegible]	.4																														5		5	1[illegible]	27
/	7[illegible]																																			4	2[illegible]
/	[illegible]																																				16
/	1[illegible]																																				1[illegible]
1 /	1[illegible]																																				[illegible]
/	[illegible]																																				[illegible]
1	TOTAL	[illegible].55	[illegible].37	[illegible].3	[illegible].8		.8		.3		.4		.1																					762		762		762
																																	762			762	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	5[illegible]57[illegible]2	613[illegible]2	80.6	12.1[illegible]1	762							
Dry Bulb	1264[illegible]22	3[illegible]576	4[illegible].1	6.985	762		13.[illegible]					54
Wet Bulb	1121[illegible]43	28753	37.7	6.934	762		23.[illegible]					54
Dew Point	[illegible]53972	262[illegible]2	34.4	8.345	762		35.[illegible]					54

USAFETAC FORM 0-265 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

[illegible] CLIMATOLOGY BRANCH
FLTAC
[illegible] WEATHER SERVICE/MAC

[illegible] Station | TURBOCH AB CP Station Name | [illegible] Years | [illegible] Month

PAST [illegible] | [illegible] Hours

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]											.1																						1	1		
[illegible]			1.2				.1																										11	11		
[illegible]			.4		.1		.1																										6	[illegible]	1	3
[illegible]		.5	1.3		.5																												22	22	11	14
[illegible]		.4	1.2		.7		.1		.1		.1																						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.1	2.4		.5				.1																								28	28	23	12
[illegible]		.5	3.4		2.1		.5																										42	42	[illegible]	5
[illegible]		.1	3.[illegible]		1.3		.4		.1																								53	53	54	[illegible]
[illegible]		.5	5.3		2.[illegible]		1.4																										7[illegible]	79	[illegible]	[illegible]
[illegible]		.5	4.5		2.5		.1																										51	51	47	[illegible]
[illegible]		1.7	5.[illegible]		2.5		.7		.1																								77	77	[illegible]	55
[illegible]		.1	5.3		2.6		.7																										7[illegible]	72	7[illegible]	[illegible]
[illegible]		.1	5.7		4.2		.5																										[illegible]7	[illegible]7	[illegible]	[illegible]
[illegible]			3.[illegible]		1.2																												32	32	[illegible]	[illegible]
[illegible]			4.3		1.1																												41	41	[illegible]	[illegible]
[illegible]		.1	2.5		.4		.1																										23	23	[illegible]	[illegible]
[illegible]		[illegible]	3.5		.1		.1																										35	34	[illegible]	[illegible]
[illegible]		.4	1.4																														14	14	24	[illegible]
[illegible]		.1	.1																														[illegible]	[illegible]	[illegible]	33
[illegible]			.1																														1	1	2	[illegible]
[illegible]			.1																														[illegible]	[illegible]	1	1
[illegible]																																			1	[illegible]
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]		11.[illegible]	8.9		23.3		5.7		.5		.3																							761		761
																																	761		761	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	761							
Dry Bulb	[illegible]	[illegible]	35.2	7.431	761		17.9					34
Wet Bulb	[illegible]	[illegible]	36.2	7.391	761		28.6					34
Dew Point	[illegible]	25325	33.3	8.564	761		39.7					34

USAFETAC FORM 0 26 5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	73-[illegible]	[illegible]

PAGE [illegible] [illegible]

Temp F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]		.7																[illegible]	[illegible]		
[illegible] / [illegible]		.4	.1	.4														[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]	.3	1.6	.7															16	1	[illegible]	
/ [illegible]	.3	2.2	.4															[illegible]2	[illegible]	[illegible]	[illegible]
/ 47	.4	2.2	.3															[illegible]	[illegible]	[illegible]	[illegible]7
/ 45	.4	5.6	[illegible].6		.[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
/ 43	[illegible].5	3.3	1.7	.3	.[illegible]													52	[illegible]	[illegible]	44
/ 4[illegible]	.9	4.9	1.7	.9														[illegible]4	[illegible]4	[illegible]	[illegible]
/ [illegible]	.[illegible]	4.6	3.[illegible]	.1	.[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]	.1	4.2	[illegible].6	.5														72	7[illegible]	[illegible]	[illegible]
/ [illegible]	.[illegible]	4.2	[illegible]	.3														55	[illegible]	7[illegible]	[illegible]
[illegible] / [illegible]3	.	[illegible].1	2.1	.1														5[illegible]	[illegible]5	[illegible]	[illegible]
/ 3[illegible]		[illegible].3	.7															[illegible]	[illegible]	[illegible]	33
/ [illegible]	.1	7.3	1.2															[illegible]	[illegible]6	[illegible]	51
/ [illegible]	.2	4.3	1.5															[illegible]	[illegible]	[illegible]	91
/ [illegible]5	.[illegible]	[illegible].1	.1															[illegible]4	[illegible]4	42	55
/ 2[illegible]	.[illegible]	[illegible].4																[illegible]	[illegible]	[illegible]	4[illegible]
[illegible] / [illegible]	1.[illegible]	.5	.1															1[illegible]	1[illegible]	[illegible]	34
/ [illegible]	.[illegible]	.3																4	4	5	[illegible]7
/ 1[illegible]		.7																[illegible]	[illegible]	3	1[illegible]
/ 1[illegible]																				[illegible]	[illegible]
1 / 11																					1
/ [illegible]																					[illegible]
/ [illegible]																					3
TOTAL	[illegible].55	.[illegible]1.[illegible]	[illegible]	[illegible].6	.[illegible]														[illegible]62		[illegible]62
																		752		752	

Element (X)	Σx²	Σx	x̄	σx	No. Obs	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	[illegible]45[illegible]4[illegible]5	53[illegible]31	6[illegible].9	17.735	762							
Dry Bulb	1[illegible]7[illegible]9	[illegible]	37.1	7.961	762		25.2					54
Wet Bulb	[illegible]95573	[illegible]29	35.3	7.551	762		32.2					34
Dew Point	[illegible]69565	[illegible]5	32.5	9.142	762		42.1					54

USAFETAC FORM JUL 64 0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

[illegible] CLIMATOLOGY BRANCH
[illegible]

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

[illegible]

Temp F	0	1-2	3	4	5-6	7	8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]		.1			.1																[illegible]				
[illegible]		.7	.1		.3																[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	.1	1.5	.5		.4	.1															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	2.1	.3		.3	.2			.1												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	.4		.7	.1	.3														[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	2.1	1.7		.5	.7	.1														[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.7	7.6	3.3		2.2	.															117	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.7	3.4	3.1		2.1	.3															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	4.5	3.3		3.[illegible]	.1															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	5.4	3.7		1.3	.1															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	3.3	2.[illegible]		1.2	.1															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	2.4	2.4		.7																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	3.4	1.7		.4																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		2.4	.7		.1																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible].5	.4																		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	1.5	.7																		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	.5	.1																		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	.7	.1																		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1																				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			.1																		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.1																			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																								[illegible]	[illegible]
[illegible]																									[illegible]
[illegible]																									[illegible]
[illegible]																									[illegible]
[illegible]																									[illegible]
[illegible]		.3	.3	.7	.9	.1	.4	.4	.1													[illegible]			[illegible]
																					752		752		

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	[illegible]	[illegible]	7[illegible].7	13.1	752							
Dry Bulb	[illegible]	[illegible]	4[illegible]	6.9	752		13.1					54
Wet Bulb	1145556	[illegible]	34.2	6.538	752		17.7					54
Dew Point	[illegible]	[illegible]	34.7	8.214	752		34.2					54

USAFETAC FORM 0265 (OL A) JUL 68 REVISES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

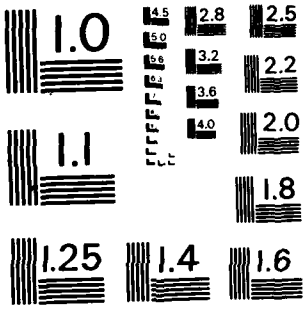
Element (X)	Σx²	Σx	x̄	σx	No. Obs.
Rel. Hum.	345[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dry Bulb	[illegible]	[illegible]7145	4[illegible].7	5.4[illegible]	[illegible]
Wet Bulb	1449[illegible]5	[illegible]	4[illegible].3	5.1[illegible]	[illegible]
Dew Point	[illegible]75194	[illegible]	3[illegible]	7.[illegible]69	[illegible]

Mean No. of Hours with Temperature [illegible] 32 F [illegible]

USAFETAC FORM JUL 64 0-26-5 (OL A)

AD-A128 107 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 OCT 82 4/5

UNCLASSIFIED USAFETAC/DS-82/056 SBI-AD-E850 356 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
67/ 65						.1	.3	.3										5	5			
64/ 63				.1	.1	1.3	1.0	.4	.9	.5								34	34			
62/ 61				.3		.5	.4	.4	.4									15	15			
/ 59		.1	.8	.1	1.3	1.7	1.8	.8	.1									52	52			
/ 57		.9	.8	2.4	2.2	2.0	2.5	.4		.1								86	86	2		
55/ 55		.5	.4	2.5	3.0	3.8	2.4	1.3	.3									108	108	20		1
54/ 53		.8	.9	2.8	2.2	2.8	2.4	.1										91	91	79		14
52/ 51		.9	2.2	2.2	3.3	2.2	1.3											93	93	46		13
50/ 49		.9	1.6	1.4	1.6	2.1	.3											60	60	76		8
48/ 47	.4	2.4	1.6	2.9	1.0	2.4	.5											85	85	120		22
46/ 45	.1	2.4	2.1	.9	2.5	1.8	.4											78	78	177		64
44/ 43		.9	1.0	.5	1.0	.4												30	30	119		62
42/ 41		.3	.1	.3	.7													10	10	84		77
40/ 39		.3			.5													8	8	56		61
38/ 37		.1																1	1	43		75
36/ 35		.4		.4														6	6	19		61
34/ 33																				10		45
32/ 31																				6		29
/ 29																				3		54
28/ 27																						61
/ 25																						37
24/ 23																						22
22/ 21																						15
20/ 19																						13
/ 17																						5
16/ 15																						2
TOTAL	.5	10.9	11.5	16.8	19.8	21.1	13.3	3.7	1.7	.7									762			762
																		762		762		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2744221	43727	57.4	17.572	762							
Dry Bulb	2115008	39918	52.4	5.603	762							34
Wet Bulb	1562435	34297	45.1	4.964	762		1.0					84
Dew Point	1071442	27884	36.6	8.193	762		26.3					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
27	TORREJON AB SP	73-81	FEB

PAGE 1 1800-2000 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 63					.1		.7		.1	.1									5	9		
/ 61					.1	.8	.1		.3	.1									11	11		
/ 59					.3	.8	.4												11	11		
/ 57		.8	.5	.7	1.2	.8	.5	.3											36	36		
5 / 55		1.6	.7	1.2	1.8	.9	.8	.3											55	55	7	2
4/ 53		1.[illegible]	2.1	3.4	1.6	1.8	.8	.1	.1										86	86	22	9
/ 51		1.[illegible]	3.3	2.4	2.1	.8	.5												77	77	32	14
/ 49		1.0	1.8	1.0	1.7	.5	.3												49	49	54	9
/ 47		1.8	3.5	3.3	1.7	1.0	.3												89	89	92	15
4/ 45	.9	4.6	6.4	3.5	3.5	.9	.3												154	154	105	72
4/ 43		2.6	2.9	2.8	1.0	.7													76	76	107	62
2/ 41		.9	1.8	2.0	.8		.1												43	43	100	68
/ 39		.7	1.3	1.3	.4														28	28	91	69
/ 37	.1		.8	.9	.3														16	16	69	73
/ 35		.1	.5	.8															11	11	32	69
3/ 33	.4		.5																7	7	32	42
/ 31		.1	.1																2	2	12	31
/ 29		.3	.1																3	3	14	54
/ 27																					2	57
/ 25																					1	40
/ 23																						18
2/ 21																						12
/ 19																						12
/ 17																						7
/ 15																						2
/ 9																						2
TOTAL	1.4	16.7	26.5	23.2	16.9	9.1	4.7	.7	.5	.3									762	762	762	762

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3481591	49971	65.6	16.395	762							
Dry Bulb	1804306	36796	48.3	6.009	762		.6					84
Wet Bulb	1426173	32696	42.9	5.527	762		3.2					84
Dew Point	1062836	27788	36.5	8.064	762		25.9					84

USAFETAC FORM AS 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 2100-2300 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 62							.1	.1										2	2		
62/ 61							.1											1	1		
59/ 57		.4			.1													4	4		
57/ 55		1.4		.4	.1		.1											16	16	3	
55/ 53		1.6	.4	.8	.1		.3											24	24	17	6
52/ 51		1.7	2.2	.7	.3													37	37	9	15
50/ 49	.1	1.8	1.4	.4	.5	.1												34	34	26	9
49/ 47	.3	3.0	3.0	1.4	.3	.3												63	63	51	16
47/ 45	.8	6.6	4.6	2.8	.5	.1												117	117	64	56
44/ 43	.7	4.6	5.9	2.0	.3	.1												103	103	85	47
42/ 41	.1	4.6	4.2	3.4	.3													96	96	96	86
41/ 39		4.5	5.1	1.7	.5													90	90	83	45
39/ 37	1.0	1.8	2.8	1.4	.3													56	56	82	87
36/ 35		1.2	4.7	.9														52	52	73	69
34/ 33	.1	1.3	2.0	.7														31	31	55	54
32/ 31		.7	.8	.3														13	13	56	29
29/ 29	.1	.8	.3															9	9	31	60
26/ 27	.4	.5	.7															12	12	18	75
24/ 25		.3																2	2	7	46
22/ 23																				2	26
20/ 21																					13
18/ 19																					12
15/ 17																					11
13/ 11																					1
TOTAL	3.7	35.7	38.1	16.9	3.3	.7	.7	.1											762		762
																		762		762	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4529856	57912	76.0	12.997	762							
Dry Bulb	1422718	32582	42.8	6.232	762		4.0					84
Wet Bulb	1224213	30171	39.6	6.237	762		12.8					84
Dew Point	1002575	26971	35.4	7.937	762		30.1					84

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-61 (YEARS) FEB (MONTH)

PAGE 1 ALL (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B. Dry Bulb	TOTAL D.B./W.B. Wet Bulb	TOTAL D.B./W.B. Dew Point
67/65						.0	.0	.0										5	5	
64/63				.0	.0	.2	.2	.1	.1	.1								48	48	
61/61			.0	.1	.0	.2	.1	.1	.1	.0								37	37	
58/59		.0	.1	.0	.2	.4	.3	.1	.0									78	78	
55/57		.4	.3	.5	.6	.5	.4	.1		.0								177	177	3
52/55		1.0	.2	.8	.7	.7	.6	.2	.0									259	259	48	3
49/53	.1	.9	.8	1.4	.8	.8	.6	.0	.0									328	328	127	66
46/51	.2	1.6	1.7	1.0	1.1	.6	.4											400	400	166	91
43/49	.1	1.5	1.3	.6	.7	.5	.1											299	299	303	76
40/47	.2	2.4	2.0	1.6	.9	.7	.1											483	483	452	164
37/45	.9	5.9	3.2	1.9	1.5	.5	.1											852	852	605	483
34/43	1.1	2.8	2.6	1.4	.7	.2												544	544	696	439
31/41	.4	3.3	2.3	1.7	.4		.0											492	492	620	505
28/39	.3	3.3	2.6	.9	.3													448	448	555	400
25/37	1.1	2.5	2.0	.8	.1													399	399	576	547
22/35	.3	2.4	2.2	.8														348	348	481	553
19/33	.3	2.1	1.7	.3														274	274	395	420
16/31		1.6	.6	.0														138	138	374	282
13/29	.0	2.1	.6	.0														166	166	256	481
10/27	.7	1.3	.4	.0														156	156	187	555
7/25	.3	.9	.1	.0														83	83	116	371
4/23	.2	.6	.0															51	51	71	242
1/21	.2	.1	.0															17	17	41	166
-2/19	.0	.0	.0															6	6	9	134
-5/17		.1																7	7	4	74
-8/15																				6	14
-11/13																					4
-14/11																					5
-17/9																					14
-20/7																					6
TOTAL	5.6	37.1	24.8	13.9	8.2	5.3	3.0	.7	.3	.1								6095		6095
																		6095	6095	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35017051	450487	73.9	16.806	6095							
Dry Bulb	11791969	265435	43.5	8.423	6095		68.9					672
Wet Bulb	9966366	242478	39.8	7.245	6095		117.8					672
Dew Point	7908393	213457	35.0	8.427	6095		258.9					672

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
27[illegible]	TONREJON AB SP	73-81	MAR

PAGE 1 0000-0200 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59					.2		.1											3	3			
[illegible] / 57			.4	.1	.1	.1												6	6			
5 / 55		.1	.5	.6	.2													12	12	1		
[illegible] / 53	.2	.4	1.2	1.7	.2	.5	.2											35	35	8	3	
[illegible] / 51	.5	1.1	2.4	1.1	.2	.2												46	46	17	7	
5 / 49	.2	1.8	2.9	1.6	.5	.1												59	59	36	15	
4 / 47	.2	4.8	4.8	1.6	.8	.2												104	104	58	21	
[illegible] / 45	.4	6.3	4.5	1.6	.7	.2												115	115	89	71	
[illegible] / 43	.8	5.6	3.3	1.6	.6													100	100	112	68	
[illegible] / 41	.6	5.5	2.4	1.9	.1													88	88	113	65	
4 / 39	1.[illegible]	5.5	1.9	1.9	.4													89	89	96	139	
3[illegible] / 37	.7	2.6	2.9	1.3	.1													61	61	86	112	
[illegible] / 35	.2	2.4	3.[illegible]	.8	.1													55	55	59	65	
34 / 33	.1	1.1	2.2	.1														29	29	54	54	
[illegible] / 31		.6	1.4															17	17	39	45	
[illegible] / 29		1.4	.4															15	15	38	47	
[illegible] / 27	.1		.2															3	3	13	55	
[illegible] / 25																				4	42	
[illegible] / 23																					29	
[illegible] / 21																					19	
[illegible] / 19																					1	
[illegible] / 17																					9	
1[illegible] / 15																					1	
14 / 13																					1	
TOTAL	5.1	39.2	34.1	15.4	4.4	1.4	.4											837	837	837	837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5136147	64415	77.0	13.342	837							
Dry Bulb	1607947	36329	43.4	6.098	837		3.9					93
Wet Bulb	1386523	33713	40.3	5.874	837		10.4					93
Dew Point	1148746	30386	36.3	7.388	837		27.4					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
MAR — MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57			.2			.1												3	3		
5[illegible] / 55			.1		.1	.1												3	3		
[illegible]4 / 53	.2	.2	.7	.7														16	16	9	2
[illegible]2 / 51	.7	.7	1.6	.4	.1													29	29	13	8
[illegible] / 49		1.6	1.1	.6	.2	.2												31	31	16	4
[illegible] / 47	.1	2.8	2.8	1.1	.4	.1												66	67	41	14
4[illegible] / 45	.6	7.2	2.8	1.3	.1													100	100	73	65
[illegible]4 / 43	.8	6.0	2.9	1.4														93	93	67	49
[illegible]2 / 41	1.[illegible]	6.3	3.5	1.0	.1													99	99	100	73
[illegible] / 39	1.4	7.1	2.9	.6														100	100	92	81
3[illegible] / 37	2.4	2.8	2.5	1.7	.1													79	79	109	98
[illegible] / 35	1.[illegible]	4.7	3.2	.4	.1													78	78	74	91
3[illegible] / 33	.1	2.5	3.2	.2														51	51	67	51
[illegible] / 31	.1	1.9	.6	.1														23	23	67	33
[illegible] / 29	.2	3.2	.8															36	36	53	68
2[illegible] / 27	.5	1.8	.2															21	21	32	62
[illegible] / 25	.5	.5																8	8	17	41
2[illegible] / 23	.1	.5																5	5	7	60
2[illegible] / 21		.1																1	1	1	22
[illegible] / 19																				1	9
[illegible] / 17																					3
[illegible] / 15																					2
[illegible] / 13																					2
[illegible] / 11																					1
TOTAL	[illegible].3	49.8	29.1	9.4	1.3	.6													836		836
																		836		836	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5582300	67554	80.8	12.162	836							
Dry Bulb	1411333	33907	40.6	6.576	836		10.5					93
Wet Bulb	1251057	31899	38.2	6.371	836		19.8					93
Dew Point	1065306	29162	34.9	7.586	836		33.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] (STATION) TORREJON AB SP (STATION NAME) 73-61 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59							.1											1	1		
[illegible] / 57						.2												2	2		
5 / 55			.2															2	2		
[illegible] / 53		.5	.6															9	9	4	
[illegible] / 51	1.[illegible]	.4	1.9	.1	.1													29	29	13	12
[illegible] / 49		1.4	.8	.4	.1													23	23	1[illegible]	
[illegible] / 47	.2	2.2	1.7	.2														36	36	36	12
[illegible] / 45	.8	6.8	2.6	.6														91	91	58	62
[illegible] / 43	.7	4.2	2.5	.2														64	64	72	42
[illegible] / 41	1.7	5.6	2.6	.4														86	86	7[illegible]	62
4 / 39	.6	6.5	3.9	1.0														100	100	67	53
[illegible] / 37	3.[illegible]	4.1	3.0	1.8														99	99	94	93
[illegible] / 35	1.7	6.2	3.0	.1														92	92	98	91
[illegible] / 33	1.[illegible]	2.7	2.2	.1	.1													51	51	85	85
[illegible] / 31	.5	2.9	1.3	.4														42	42	34	33
[illegible] / 29	.6	3.6	1.2															45	45	44	61
[illegible] / 27	1.2	2.3	.5															33	33	50	56
[illegible] / 25	.8	1.3																16	18	36	57
[illegible] / 23	.2	.8																9	9	9	69
2 / 21	.2	.2																4	4	4	24
[illegible] / 19		.1																1	1	2	13
[illegible] / 17																				1	7
1[illegible] / 15																					2
1[illegible] / 13																					1
1 / 11																					3
TOTAL	14.2	51.7	28.1	5.3	.4	.2	.1												837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	586267	69419	82.9	11.408	837							
Dry Bulb	1309348	32592	38.9	6.912	837		16.9					93
Wet Bulb	1176444	30876	36.9	6.694	837		25.6					93
Dew Point	1017966	28462	34.0	7.743	837		36.1					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
MAR — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
47/ 63					.1	.1		.1										3	3		
7/ 61				.2		.4												5	5		
/ 59				.5	.6	.1	.1	.1	.1									13	13		
/ 57			.7	.6	.4	.2												15	15		
5 / 55		.4	1.7	1.0	.7	.2	.5											37	37	3	
4/ 53	.1	.7	1.9	2.2	.6	.2	.1											49	49	11	4
2/ 51	.4	.7	3.5	1.6	1.6	.4	.2											69	69	35	15
3 / 49		1.3	2.9	1.0	1.6	.2												58	58	34	15
/ 47		2.7	3.8	1.3	1.2	.5												80	80	89	25
4 / 45	1.4	6.0	6.1	4.4	1.6	.4	.1											167	167	104	100
4/ 43	1.0	4.4	2.0	2.9	1.6	.1												100	100	112	79
2/ 41	.2	3.6	2.5	3.2	.6	.5												91	91	116	70
4 / 39	.5	2.3	3.1	.8	.4													59	59	86	105
2 / 37	.8	.7	1.7	1.0	.1													36	36	77	59
/ 35	.2	1.0	1.2	.2														22	22	69	73
3 / 33	.2	.5	1.0	.1														15	15	36	68
/ 31	.1	.5	.2															7	7	30	28
2 / 29	.1	.7	.1															8	8	16	53
/ 27		.1	.1															2	2	5	62
1 / 25																				1	28
1 / 23																					30
2/ 21																					8
/ 19																					5
/ 17																					1
1 / 13																					2
1 / 11																					1
TOTAL	5.1	25.6	32.5	20.9	11.1	3.3	1.1	.2	.1										937		937
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4662741	61195	73.1	15.021	837							
Dry Bulb	1738605	38337	45.8	6.250	837		1.9					93
Wet Bulb	1493778	35126	41.8	5.792	837		6.1					93
Dew Point	1202183	31091	37.1	7.521	837		24.6					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 1200-1400 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
-/ 75							.2				.1							3	3			
-/ 71							.1	.1			.1							3	3			
/ 69							.1		.2	.1	.1							5	5			
-/ 67						.7	.4		.1	.1								11	11			
6/ 65					.5	.2	.2	.2		.2								12	12			
4/ 63				1.2	1.1	2.4	1.2	.7	.4									58	58			
/ 61				1.0	1.2	2.3	1.0	.2	.6	.1								53	53	2		
-/ 59			.2	.2	2.7	1.9	.5	.4	.6									55	55	5		
/ 57		.4	.4	2.4	2.6	2.0	2.0	.5		.1								87	87	24		
5/ 55		.1	.6	3.5	2.6	1.9	2.2	.6	.1									97	97	29		
-/ 53		.4	1.3	2.5	3.0	2.3	1.8	.1	.1									96	96	56		9
-/ 51		.4	1.4	2.4	3.8	2.5	.6	.1										96	96	72		35
5/ 49		1.1	1.2	1.2	2.3	1.8	.5											67	67	108		13
/ 47		1.1	1.9	2.3	1.9	1.6	.2											75	75	93		53
4/ 45	.2	1.6	1.6	2.0	2.5	1.2												78	78	115		104
-4/ 43	.4	.4	.6	1.0	1.1	.4												31	31	122		69
-3/ 41		.1	.4		.4													7	7	86		81
-/ 39				.1	.1													2	2	63		79
3/ 37	.1																	1	1	45		57
-/ 35																				10		50
3/ 33																				4		66
-/ 31																				1		34
/ 29																						54
2/ 27																						56
/ 25																						35
-/ 23																						33
2/ 21																						11
-/ 19																						1
-/ 13																						1
1/ 11																						2
TOTAL	.7	5.6	9.6	19.7	25.8	21.1	11.2	3.0	2.2	.7	.4							837		837		837
																			837		837	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2703215	47551	56.8	15.536	837							
Dry Bulb	2472667	45191	54.0	6.257	837			2.4	.3			93
Wet Bulb	1621469	38787	46.3	5.365	837		.1					93
Dew Point	1265325	31847	38.0	8.006	837		24.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0 27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 1500-1700 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
7 / 77												.4						3		3		
6 / 75									.2	.1		.2						5		5		
4 / 73							.2		.5	.4	.1							11		11		
/ 71							.1	.2	.8	.5	.1	.2						17		17		
/ 69							1.2	1.2	.2	.4	.6							30		30		
/ 67						.5	.5	.4	.2	.4								16		16		
5 / 65					.5	.7	1.8	.6	.4	.5								39		39		
4 / 63				.7	.1	2.2	3.6	1.8	.7	.7								82		82		
/ 61				.2	.2	1.8	1.7	1.0	.8	.1								49		49		
/ 59				.1	3.3	2.7	2.9	1.8	.9	.2								100		100	1[illegible]	
/ 57		.1	.1	2.[illegible]	2.6	2.3	2.7	1.9	.4									102		102	35	
5 / 55		.2	1.0	1.6	1.4	2.5	2.9	1.6	.1									94		94	44	
/ 53			1.0	1.4	2.7	2.4	2.5	.1										85		85	60	7
/ 51		.6	.7	1.3	1.4	1.9	1.4											62		62	105	21
3 / 49		.5	.7	1.0	.4	1.2	.7											37		37	107	12
/ 47		.4	2.2	1.4	1.2	1.6	.5											60		60	97	41
/ 45	.2	.2	.6	.4	1.9	.6												33		33	127	104
4 / 43		.4	.4	.1	.1													8		8	99	75
2 / 41			.4															3		3	66	72
/ 39			.1															1		1	51	83
2 / 37		.1																1		1	23	63
/ 35																					7	64
3 / 33																						44
/ 31																						26
3 / 29																						56
/ 27																						65
2 / 25																						45
1 / 23																						34
2 / 21																						10
/ 19																						2
/ 13																						3
TOTAL	.2	2.5	7.0	10.3	16.0	20.3	22.7	10.8	5.3	3.2	.8	.8							837		837	537

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2251054	41386	49.4	15.648	837							
Dry Bulb	2792492	47988	57.3	7.018	837			9.0	2.0			93
Wet Bulb	1519998	39842	47.6	5.300	837							93
Dew Point	1217189	31215	37.3	7.967	837		27.9					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — MAR MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
79 / 77												.1						1	1		
77 / 75													.1					1	1		
75 / 73								.1			.2	.1						4	4		
73 / 71								.1	.5	.2	.1	.1						9	9		
71 / 69						.1	.1	.6	.6	.1	.4							16	16		
69 / 67					.1	.4		.1	.4	.4								11	11		
67 / 65					.1	.5	.7	.7	.2	.2								21	21		
65 / 63				.5	.7	1.4	2.2	.5	.2	.1								47	47		
63 / 61				.6	1.0	1.7	1.1	.7	.6									47	47		
61 / 59				.7	1.4	1.3	1.2	1.2	.2									51	51	5	
59 / 57			1.0	1.9	2.0	2.0	2.2	1.1	.2									57	57	16	
57 / 55		.2	1.4	3.0	1.2	2.0	1.4	.6	.1									84	84	28	
55 / 53		.2	1.2	3.0	2.9	1.9	1.1	.6										91	91	60	5
53 / 51		.4	1.8	2.3	1.8	1.8	.7	.1										74	74	91	18
51 / 49		.4	1.7	1.7	1.1	.8	.4											50	50	94	24
49 / 47		1.2	2.5	2.2	1.2	2.3	.1											79	79	96	42
47 / 45	.2	1.6	2.9	2.1	2.4	1.4												68	68	125	93
45 / 43	.1	1.1	.8	1.0	1.1	.4												37	37	135	88
43 / 41	.2	.2	.4	.6	.5	.2												18	18	79	72
41 / 39		.5	.5	.2	.2													12	12	63	91
39 / 37	.1	.2	.1	.2														6	6	45	71
37 / 35		.4																3	3	23	59
35 / 33																				11	50
33 / 31																				4	33
31 / 29																					59
29 / 27																					46
27 / 25																					33
25 / 23																					35
23 / 21																					8
21 / 19																					11
19 / 17																					2
17 / 15																					1
TOTAL	.7	6.3	14.2	19.8	17.7	18.3	11.1	6.5	3.1	1.1	.7	.4	.1					837	837	837	837

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2953973	47606	56.9	17.164	837							
Dry Bulb	2463438	44962	53.7	7.417	837			4.7	.7			93
Wet Bulb	1795505	38483	46.0	5.594	837		.4					93
Dew Point	1232556	31436	37.6	7.878	837		25.3					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AIR 64

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81 MONTH: [illegible] HOURS: 21[illegible]-23[illegible]

Temp (°F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ [illegible]					.1			.2	.1									4	4			
[illegible]				.2	.4	.4	.1		.1									[illegible]	[illegible]			
[illegible]					.4		.2		.2									7	7			
[illegible]			.6	1.2	.6	.1	.4	.1										25	25			
5 [illegible]		.1	.6	2.3	.	.4	1.0											43	43	[illegible]		
[illegible]		.5	2.4	3.7	1.4	1.2	.2											79	79	13		
[illegible]	.1	1.1	3.6	1.6	1.1	.7	.1											73	73	71	[illegible]	
[illegible]	.1	1.4	3.6	1.2	.6	.1												61	61	55	12	
[illegible]	.1	2.9	4.1	2.[illegible]	1.7	.1	.1											72	72	170	20	
[illegible]	.2	4.4	5.3	3.2	1.7	1.0												132	132	91	99	
[illegible]	.4	4.3	1.9	2.5	1.6	.4												111	111	114	1[illegible]	
[illegible]	.6	2.6	2.3	3.7	.6	.5												86	86	117	57	
[illegible]	.2	1.9	1.8	2.7	.4													65	65	82	112	
[illegible]	.2	.7	1.4	.8	.1													23	23	75	73	
[illegible]	.1	.7	.8	.5														14	14	54	54	
3 [illegible]		.2	.8															9	9	19	61	
[illegible]		.1	.2															3	3	24	23	
[illegible]		.1																1	1	12	62	
[illegible]																				3	44	
[illegible]																					57	
[illegible]																					32	
[illegible]																					7	
[illegible]																					7	
[illegible]																					7	
[illegible]																					2	
TOTAL	.2	21.1	31.7	25.2	11.6	4.8	2.2	.4	.5									837				837
																		837		837		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4[illegible]1[illegible]9.3	58709	70.1	15.270	837							
Dry Bulb	1367545	39213	46.8	6.034	837		.4					93
Wet Bulb	1[illegible]265.4	35446	42.3	5.513	837		4.3					93
Dew Point	1193[illegible].01	31965	37.9	7.533	837		25.0					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0265 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...NAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...27... STATION | TURREJON AB SP STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | ALL HOURS

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 77												.1						4	4		
/ 73									.0	.0		.0	.0					6	6		
/ 70							.1	.0	.1	.0	.1	.0						17	17		
/ 72							.0	.1	.2	.1	.0	.0						29	29		
/ 69						.0	.2	.2	.1	.1	.1							51	51		
/ 67					.0	.2	.1	.1	.1	.1								38	38		
/ 65					.1	.2	.3	.2	.1	.1								72	72		
4 / 63				.3	.3	.8	.9	.4	.2	.1								194	194		
/ 61				.3	.3	.8	.5	.2	.3	.0								164	164	4	
/ 59			.2	.2	1.1	.8	.6	.4	.3	.0								232	232	22	
/ 57		.1	.4	1.0	1.0	.9	.9	.4	.1	.0								328	328	75	
5 / 55		.1	.6	1.5	.9	.9	1.0	.3	.2									372	372	106	
/ 53	.1	.4	1.3	1.9	1.4	1.1	.7	.1	.0									460	460	230	27
/ 51	.3	.7	2.1	1.4	1.2	.9	.4	.2										478	478	370	124
/ 49	.2	1.2	1.9	1.1	.9	.6	.2											376	376	473	96
/ 47	.1	2.2	3.2	1.5	1.0	.5	.1											556	556	618	235
/ 45	.5	4.3	3.3	1.9	1.4	.6	.0											604	604	779	698
4 / 43	.5	3.3	2.1	1.3	.6	.1												544	544	603	565
/ 41	.5	3.2	1.8	1.3	.3	.1												478	478	749	549
/ 39	.5	3.4	1.8	.8	.2													418	418	602	716
/ 37	.9	1.4	1.4	.8	.1													311	311	556	631
/ 35	.4	1.9	1.4	.3	.0													268	268	399	551
3 / 33	.2	.9	1.2	.1	.1													155	155	376	479
/ 31	.1	.7	.5	.1														92	92	249	252
/ 29	.1	1.1	.3															105	105	163	47
/ 27	.2	.5	.1															59	59	106	452
/ 25	.2	.2																26	26	58	313
/ 23	.1	.2																14	14	16	319
2 / 21	.1	.1																5	5	5	111
/ 19		.1																1	1	3	52
/ 17																				1	29
1 / 15																					7
/ 13																					11
1 / 11																					7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0 272 TORREJON AB SP — STATION — STATION NAME

73-81 — YEARS

MAR — MONTH

PAGE 2

ALL — HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
TOT	.0	.25	.223	.315	.511	.1	8.8	6.1	2.5	1.4	.6	.2	.1	.0				6695	6695
																		6695.	6695.

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	33636557	457335	68.4	18.655	6695							
Dry Bulb	15713005	316539	47.6	9.125	6695		33.6	16.1	3.0			744
Wet Bulb	12371205	284 69	42.4	6.895	6695		65.8					744
Dew Point	9342272	244564	36.5	7.812	6695		224.6					744

USAFETAC FORM AN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

272 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ 63					.1		.1											2	2		
47/ 61				.2	.4	.1	.1											7	7		
/ 59		.1		.1	.3	.3	.1											7	7		
1/ 57		.1	.5	.4	.3	.1												11	11	1	1
5/ 55		.1	1.1	1.2	1.1	.4												29	29	7	
1/ 53		1.7	2.0	3.1	.8	.8	.1											64	64	10	3
/ 51		2.0	3.6	1.2	1.1	.3	.1											62	62	31	11
1/ 49	.1	3.3	4.4	1.5	.9	.8												83	83	64	22
/ 47		3.7	4.6	2.8	1.5	.3												97	97	78	40
1/ 45	.3	5.3	6.1	3.8	2.1													133	133	101	90
4/ 43	.1	2.6	4.6	3.8	2.0	.3												102	102	86	62
2/ 41	.1	1.8	1.7	2.1	.4													47	47	91	71
/ 39	.6	1.3	2.9	2.2	.7													60	60	99	59
1/ 37		1.5	1.5	.1														23	23	71	75
/ 35		.5	1.3															14	14	55	72
3/ 33		.3	.9	.1														10	10	35	48
/ 31		.1																1	1	15	48
/ 29		.3	.1															5	3	6	51
/ 27																				2	54
/ 25		.3																2	2	1	24
/ 23																				2	12
2/ 21																					7
/ 19																					5
1/ 17																					2
TOTAL	1.6	25.1	35.3	22.7	11.5	3.3	.7												757		757
																		757		757	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4,864,17	54659	72.2	13.598	757							
Dry Bulb	1663545	35217	46.5	5.772	757		.7					90
Wet Bulb	1386251	32117	42.4	5.591	757		3.1					90
Dew Point	1112972	28488	37.6	7.354	757		24.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
70-81 — YEARS
APR — MONTH

PAGE 1 — 2300-0500 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59							.1											1	1		
/ 57		.1		.3	.4	.4												2	2		
5 / 55	.3		.5	.1	.1	.1												9	9	3	2
4 / 53		.1	1.2	.7	.3	.1												18	18		1
/ 51		2.1	3.4	.7	.5													49	49	12	1
9 / 49		1.8	3.3	.6	.1													44	44	27	5
8 / 47	.3	2.3	3.0	.8	.3													49	49	65	29
4 / 45	.1	7.0	6.3	1.9	.7													117	117	54	56
4 / 43		3.7	5.9	1.6	1.5													93	93	76	50
2 / 41	.7	3.8	4.4	3.6	.4													94	94	75	70
4 / 39	.4	5.6	4.9	2.1	.1													96	96	88	65
3 / 37	1.0	1.4	3.3	1.4	.1													52	52	94	69
/ 35	.1	2.9	2.6	.4														44	44	74	72
3 / 33	.1	2.1	1.6															28	28	60	39
/ 31		.3	.5															6	6	47	32
/ 29		.8	.1															7	7	14	69
/ 27	.5	.5																8	8	15	73
/ 25		.4																3	3	1	38
/ 23																				2	25
2 / 21		.1																1	1		6
/ 19																				1	2
/ 17																					4
TOTAL	3.6	35.2	41.3	14.4	4.7	.7	.1											728	728	728	728

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4384127	55821	76.7	11.956	728							
Dry Bulb	1367721	31245	42.9	5.762	728		3.1					90
Wet Bulb	1175624	28946	39.8	5.829	728		9.9					90
Dew Point	970811	26079	35.8	7.094	728		30.8					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
27[illegible]	IORREJON AB SP	73-81	APR

PAGE 1 HOURS 0600-1800 S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57				.1														1	1		
5-/ 55	.1	.4	.5	.4	.1	.3												14	14	1	1
-/ 53		1.1	1.1	1.0	.1													27	27	5	2
-/ 51		2.4	2.5	.3	.1													42	42	13	3
/ 49		1.3	1.6	.5	.1													26	28	35	12
-/ 47		3.9	3.3	.8	.4													66	66	56	23
/ 45	.4	7.8	6.3	2.3	1.6													146	146	63	60
4/ 43	.3	5.4	5.1	1.6	.4													102	102	96	47
-/ 41	.4	2.9	4.3	2.5														80	80	89	67
4-/ 39	.6	5.8	3.5	1.1	.3													90	90	86	86
3-/ 37	1.1	2.1	4.9	.3														67	67	101	75
/ 35	.4	2.5	2.4	.5														46	46	67	62
3-/ 33	.4	2.8	3.0	.3														51	51	79	56
-/ 31		.8	.9															13	13	51	29
/ 29		.9	.5															11	11	32	67
-/ 27	.1	.6																6	5	16	82
/ 25	.1	.4																4	4	5	41
-/ 23		.1																1	1	1	26
2/ 21		.3																2	2		8
-/ 19																				2	4
-/ 17																					4
TOTAL	3.9	41.3	39.9	11.5	3.1	.3												797	797	797	797

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4,96565	62455	78.4	11.344	797							
Dry Bulb	1464643	33807	42.4	6.203	797		4.2					90
Wet Bulb	1276452	31528	39.6	6.363	797		11.7					90
Dew Point	1071343	28643	35.9	7.278	797		29.7					90

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — APR MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69							.1											1	1		
6/ 65					.2	.2			.1									5	5		
4/ 61			.1	.5	.5	.9	.1			.1								19	19		
/ 57			.4	.2	1.0	1.0	.5		.1									26	26		
/ 59			.5	1.2	.9	.4	.2	.1										27	27	5	
5/ 57		.1	1.0	1.4	1.7	1.7	.6											53	53	11	1
5/ 55		.6	2.0	2.6	2.3	2.1	.1											51	51	17	3
4/ 53		.4	1.7	4.9	3.3	2.1	.9	.2										110	110	36	9
2/ 51	.2	1.4	4.1	3.2	3.1	1.9	1.	.1										121	121	45	27
5/ 49		1.0	2.8	2.2	1.5	1.7												75	75	85	48
4/ 47		1.9	3.1	3.3	2.	1.9	.1											99	99	130	48
4/ 45	.1	3.6	2.7	3.0	4.0	.6												113	113	126	93
4/ 43		1.2	1.0	1.1	.9													34	34	108	89
2/ 41		.7	.7	.7	.4													21	21	94	94
/ 39	.1	.4	.7	.7	.2													18	18	59	88
/ 37		.1	.1	.1														3	3	50	62
/ 35			.1	.1														2	2	20	60
3/ 33			.2															2	2	9	52
/ 31																				4	26
/ 29																				3	46
/ 27																					03
/ 25																					21
/ 23																					12
2/ 21																					6
/ 19																					1
TOTAL	.3	11.4	21.4	25.8	22.3	14.4	3.7	.5	.2	.1								810	810	810	810

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	3026775	52 05	64.3	14.824	810							
Dry Bulb	214 905	41393	51.1	5.628	810			.1				90
Wet Bulb	16775.5	36619	45.2	5.216	810		.3					90
Dew Point	1263612	31420	38.8	7.444	810		19.6					90

USAFETAC FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72[illegible]	TORREJON AB SP	73-81	APR

PAGE 1 HOURS 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 81										.1								1	1		
7[illegible] / 77								.1										1	1		
[illegible] / 75								.1		.4		.1						5	5		
4 / 73							.5	.1	.2	.2	.4							12	12		
[illegible] / 71							.5	.2	.2	.2								10	10		
[illegible] / 69						1.0	.5	.5	.1	.1	.2							21	21		
[illegible] / 67						.1	.5	1.1	.2	.2								18	18		
6 / 65					.5	1.1	.7	.6	.7	.2								32	32		
4 / 63				.2	1.1	2.0	3.2	1.9	.6									73	73	2	
[illegible] / 61			.2	.5	1.4	3.1	3.0	1.6	.4									82	82	6	
[illegible] / 59		.1	.5	1.2	3.5	2.1	3.3	2.0	.1									104	104	17	
[illegible] / 57		.2	.5	2.5	3.[illegible]	4.2	3.1	.5	.2									115	115	27	
5 / 55		.2	.2	2.3	3.1	2.7	4.2	.4										107	107	55	5
4 / 53		.2	.9	2.7	2.[illegible]	2.3	2.3	.1										89	89	54	18
[illegible] / 51		.9	2.7	.7	2.2	.5	1.0	.2										67	67	115	30
2 / 49		.2	.5	.5	1.1	.4	.2											24	24	132	19
[illegible] / 47		.5	.6	.2	.4	1.2	.1											25	25	148	47
9 / 45		.1	.7	.4	.5	.1												15	15	99	89
4 / 43		.1			.2	.4												6	6	76	104
2 / 41					.2													2	2	46	83
[illegible] / 39					.1													1	1	19	75
[illegible] / 37																				9	57
[illegible] / 35																				4	65
3 / 33																				2	52
[illegible] / 31																				1	38
[illegible] / 29																					35
[illegible] / 27																					56
[illegible] / 25																					13
[illegible] / 23																					6
2 / 21																					14
[illegible] / 19																					1
TOTAL		2.7	6.9	11.4	20.0	20.9	23.3	9.5	3.0	1.6	.5	.1							812		812
																		810		810	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	232994	41806	51.6	14.591	810							
Dry Bulb	274884	46920	57.9	6.182	810			7.6	2.1	.1		90
Wet Bulb	193945	39429	48.7	4.984	810		.1					90
Dew Point	129249	31779	39.2	7.516	810		18.1					90

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81										.1	.2		.1					4	4			
/ 79									.1	.1	.1	.2	.2					7	7			
7 / 77								.1		.2	.2	.2						7	7			
5 / 75								.4	.4	.2	.6	.5						17	17			
4 / 73							.6	.5		.7	.1							17	17			
/ 71						.2	.2	.7	.6	.4	.2							23	23			
/ 69						.7	.2	1.4	1.5	.5	.7							41	41			
/ 67						.5		1.2	1.1	.4								26	26			
6 / 65						.4	.7	1.7	1.1	.6								37	37			
4 / 63				.1	.4	2.6	4.3	3.7	3.7	1.5	.1							133	133	5		
/ 61				.5	1.3	3.7	3.3	3.5	1.4	.4								138	138	11		
/ 59		.1	.4	.2	2.1	1.4	2.7	2.5	.4									79	79	21		
/ 57		.2	.2	1.6	3.	3.3	2.5	1.7										99	99	33	1	
5 / 55		.4	.6	1.7	2.1	1.1	1.1	.4										60	60	56	4	
/ 53		.2	1.1	1.3	.9	1.4	1.7	.4										54	54	78	16	
/ 51		.9	1.6	1.3	1.5	.6	.7											51	51	125	17	
/ 49		.4	.7	.4	.2	.2	.1											17	17	146	16	
/ 47		.2	.9	.4	.4	.2												17	17	136	46	
4 / 45		.6	.4	.2		.4												13	13	95	91	
4 / 43																				54	94	
2 / 41				.2														2	2	34	79	
/ 39				.1														1	1	9	78	
3 / 37																				2	76	
/ 35																				5	63	
3 / 33																				1	48	
2 / 31																					34	
/ 29																					45	
/ 27																					54	
/ 25																					24	
/ 23																					14	
2 / 21																					5	
/ 19																					3	
TOTAL		3.1	5.9	7.5	11.5	16.4	19.0	18.3	13.2	5.2	2.5	1.0	.4					810	810	810	810	810

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1980358	37352	46.7	16.169	810							
Dry Bulb	3014636	49082	60.6	7.076	810			15.4	5.5	.4		90
Wet Bulb	2014337	40205	49.6	4.812	810							90
Dew Point	1254243	31294	38.6	7.476	810		20.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0-271 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 1800-2000 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 81										.1	.1							2	2		
7 / 77											.2	.2						4	4		
7 / 77								.1			.2							3	3		
6 / 76								.1	.4		.1	.1						6	6		
4 / 73							.1	.4	.2		.1							7	7		
4 / 71						.2	.5	.6	.2	.6	.1							19	19		
7 / 69					.1	.5	.4	.6	.6	.4	.1							22	22		
4 / 67					.1	.1		.6	.4	.1	.2							13	13		
6 / 65				.1	.1	.2	1.2	1.0	1.4	.6								38	38		
4 / 63		.1		.1	.5	2.0	2.5	3.3	1.4	.9								67	67	4	
7 / 61				.7	.9	2.6	3.1	2.3	1.2	.1								89	89	7	
4 / 59		.1	.7	.5	2.6	1.4	3.4	1.7	.7	.1								88	88	10	2
7 / 57		.2	.9	1.7	2.7	2.2	1.7	1.[illegible]	.4									88	88	21	2
5 / 55		.4	.5	2.2	1.9	1.5	1.4	1.5	.1									72	72	36	5
7 / 53		.4	1.5	2.2	1.4	1.4	1.6	.4										71	71	7[illegible]	11
4 / 51		1.[illegible]	3.7	1.5	1.7	.7	1.[illegible]	.4										81	81	102	25
7 / 49		.9	1.2	.9	.9	.6												36	36	141	15
4 / 47		.7	1.1	2.0	.6	1.0												44	44	146	39
7 / 45		1.[illegible]	.7	.9	.2	.4												26	26	93	132
4 / 43		.1		.2	.2	.1												6	6	55	61
7 / 41		.1			.1	.1												3	3	55	70
4 / 39		.1		.2	.1													4	4	19	76
7 / 37																				13	61
4 / 35			.1															1	1	2	72
3 / 33																				4	48
4 / 31																				2	22
7 / [illegible]																					36
4 / 27																					55
7 / 25																					35
4 / 23																					12
7 / 21																					9
4 / 19																					5
7 / 17																					3
4 / 15																					1

Element (X)	Σx'	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≥0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AW 0-26 5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0-270 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 2 1500-2000 (HOURS L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		5.2	10.6	13.3	14.2	15.1	16.4	13.6	7.0	3.0	1.4	.4						810	810	810	810

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	2453148	42200	52.1	17.738	810							
Dry Bulb	2752266	46844	57.8	7.174	810			8.4	2.4	.2		90
Wet Bulb	1237149	39257	48.5	5.118	810		.2					90
Dew Point	1273134	31406	38.8	7.910	810		19.2					90

USAFETAC FORM AUG 64 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2272	TORREJON AB SP	73-81	APR

PAGE 1 HOURS 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 57						.1												1	1		
67 / 55					.1				.1	.1								3	3		
4 / 53				.7	.5	.6	.6											21	21		
1 / 51		.1		.2	.4	1.1	.5	.2	.1									23	23		
/ 59		.1	.4	.2	.7	1.1	.4	.1										25	25	1	
1 / 57		.4	1.1	2.3	1.5	1.2	1.2	.5										53	53	11	2
5 / 55		.5	1.2	2.6	1.5	1.4	.9											65	65	14	3
1 / 53		.9	1.7	4.2	2.3	1.7	.4	.1										92	92	24	6
/ 51	.2	1.7	5.6	3.1	3.7	1.2	.5											124	124	63	24
1 / 49		2.3	2.8	1.5	1.4	1.2	.4											76	76	89	17
/ 47		3.3	2.3	2.8	2.3	1.2												98	98	132	37
1 / 45	.4	3.3	3.6	4.2	3.2	1.2												123	123	126	127
4 / 43	.1	1.1	2.7	1.9	.9	.5												51	51	99	92
2 / 41		.4	1.2	.6	.4													19	19	52	52
/ 39		.2	.4	.5	.4													12	12	74	61
3 / 37	.1	.4	.2	.2	.1													9	9	51	52
/ 35			.4															3	3	2	56
3 / 33			.1	.1														2	2	11	65
/ 31																				6	59
/ 29		.1																1	1	2	43
/ 27			.1															1	1	2	45
/ 25																				1	25
/ 23																					12
2 / 21																					12
/ 19																					5
/ 17																					2
TOTAL	.7	14.8	23.7	24.8	15.5	12.0	4.7	1.0	.2	.1									810		810
																		810		810	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	36677.3	52973	65.4	15.854	810
Dry Bulb	21343.7	41019	50.6	5.833	810
Wet Bulb	15624.2	36427	45.0	5.296	810
Dew Point	12604.0	31354	38.7	7.607	810

Mean No. of Hours with Temperature	≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Dry Bulb		.2	.1				.2
Wet Bulb		1.4					9.0
Dew Point		19.8					9.0

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 ALL (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81										.0	.0		.0					7	7		
/ 79									.0	.0	.0	.1	.0					11	11		
7 / 77								.0		.0	.1	.0						11	11		
/ 75								.1	.1	.1	.1	.1						26	28		
4 / 73							.2	.1	.1	.1	.1							36	36		
/ 71						.1	.2	.2	.1	.2	.0							49	49		
/ 69					.0	.0	.2	.3	.3	.1	.1							55	55		
/ 67					.0	.1	.1	.4	.2	.1	.0							58	58		
6 / 65				.0	.1	.3	.3	.4	.4	.2								115	115		
4 / 63		.0	.0	.2	.4	1.0	1.4	1.1	.7	.3	.0							335	335	11	
/ 61		.0	.1	.3	.6	1.5	1.3	1.0	.4	.1								335	335	24	
/ 59		.1	.3	.5	1.3	.8	1.3	.6	.2	.0								331	331	64	2
/ 57		.2	.5	1.3	1.6	1.6	1.1	.5	.1									439	439	101	7
5 / 55	.0	.3	.8	1.7	1.5	1.2	1.0	.2	.0									437	437	191	23
4 / 53		.6	1.4	2.5	1.5	1.2	.9	.2										523	523	277	66
/ 51	.1	1.5	3.4	1.5	1.7	.7	.6	.1										597	597	506	136
5 / 49	.0	1.4	2.1	1.0	.5	.6	.1											393	383	719	124
/ 47	.0	2.1	2.3	1.6	1.0	.7	.0											495	495	901	309
/ 45	.2	3.5	3.3	2.0	1.5	.3												686	666	767	758
4 / 43	.1	1.7	2.3	1.3	.7	.2												394	394	664	619
2 / 41	.1	1.2	1.5	1.2	.2	.0												266	258	576	501
/ 39	.2	1.6	1.5	.9	.2													282	282	453	593
/ 37	.3	.7	1.2	.3	.0													154	154	391	557
/ 35	.1	.7	.8	.1														110	110	247	541
3 / 33	.1	.6	.7	.1														93	93	219	408
2 / 31		.1	.2															20	20	126	265
/ 29		.3	.1															22	22	57	395
/ 27	.1	.1	.0															15	15	31	474
/ 25	.1	.1																9	9	9	216
/ 23		.0																1	1	5	121
2 / 21		.0																3	3		70
/ 19																				5	26
/ 17																					15
/ 15																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]272 STATION | [illegible]REDUX AB SP STATION NAME | 73-81 YEARS | APR MONTH

PAGE [illegible] | ALL HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	.217	.322	.610	.413	.313	.6	.8	.5	5.5	2.7	1.3	.6	.2	.[illegible]					[illegible]332		6332
																		6332		6332	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum	2742[illegible]2.3	3[illegible]98[illegible]1	63.1	18.537	6332							
Dry Bulb	1725[illegible]47	325[illegible]9	51.4	9.[illegible]66	6332		3.0	32.4	10.5	.5		72[illegible]
Wet Bulb	13[illegible]53539	2345[illegible]21	44.9	6.517	6332		26.5					72[illegible]
Dew Point	9499[illegible]4	240522	38.[illegible]	7.573	6332		183.3					72[illegible]

USAFETAC FORM AA 64 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
THREDBO AB SP — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 0000-2200 HOURS

Temp F	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 71								.1											1	1		
/ 69							.2	.1	.1										4	4		
/ 67						.1	.1	.2	.2										6	6		
3 / 65					.2	.1	.1	.6	.1	.2									12	12		
4 / 63				.1	.7	.4	1.6	.3	.5										31	31		
/ 61			.2	.6	1.4	.7	.6	1.3	.1										41	41	1	
/ 59			.4	.7	1.2	1.1	.2	.4											33	33	14	4
/ 57			1.1	1.3	2.9	2.1	.7												67	67	32	7
3 / 55	.4		2.6	1.7	2.4	1.4	1.4												77	77	42	17
4 / 53	.4		3.5	4.5	4.5	2.8	.7	.2											139	139	82	38
/ 51	.4		3.1	4.4	3.3	1.2	.3												105	105	91	51
/ 49			2.2	4.1	1.3	.5	.4												79	79	124	51
/ 47	.5		3.1	3.1	1.1	.7	.1												73	73	146	92
1 / 45	.5		5.2	3.2	2.1	.1													92	92	171	145
4 / 43	.1		1.3	1.3	.6	.2													30	30	94	95
/ 41	.1		1.6	1.1	.5														23	23	61	71
/ 39			.5	.1	.2														7	7	39	59
/ 37	.2		.5	.2															9	9	19	34
/ 35			.1	.1															2	2	11	5
3 / 33																					1	2
/ 31																					1	15
/ 29																						12
/ 27																						7
/ 25																						2
/ 23																						1
T 22	.4	26.6	26.7	22.1	11.4	5.7	3.5	1.1	.2										835	835	576	836

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel Hum	4561445	61753	73.11	15.009	835							
Dry Bulb	2317641	43710	52.3	6.236	835			1.2				≥3
Wet Bulb	1725147	39919	47.8	5.127	835		.1					≥3
Dew Point	1604423	36253	43.4	5.221	835		4.1					≥3

USAFETAC FORM 0-265 (OL-A) 81-1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — IONREDON AB SP STATION NAME — 73-81 YEARS — MAY MONTH

PAGE 1 — 0300-0500 HOURS

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 65							.2											2	2			
64/ 60				.2		.2	.1											5	5			
/ 55			.4	.4	.1	.2	.1											12	12			
/ 50		.2	.8	.6	.6	.7		.1										26	26			
/ 45		1.1	1.6	1.1	1.7	.4												42	42	12	2	
44/ 40	.2	2.4	1.1	1.2	.6	.4												51	51	14	14	
/ 35		2.3	4.2	1.7	.8	.1												76	76	42	21	
/ 30	.6	3.5	4.5	2.9	.6													105	105	56	42	
/ 25	.2	2.6	3.1	1.2	1.2	.1												79	79	100	21	
/ 20	.4	3.7	3.7	2.3	.6													88	86	107	82	
/ 15	.7	5.4	7.3	1.2	.6													166	168	176	134	
/ 10	.6	3.1	2.5	1.2														62	62	113	121	
/ 5	.2	3.7	1.4	1.2														55	55	174	92	
/ 0	.1	2.2	1.7	.1														33	33	54	121	
/ -5	.1	1.9	.5															21	21	34	65	
/ -10		1.2	.4															16	16	42	82	
/ -15		.2	.2															4	4	14	45	
/ -20		.1																1	1	7	22	
/ -25																					15	
/ -30																					15	
/ -35																					4	
TOTAL	7.8	35.6	33.3	14.9	6.3	2.2	.2	.1											837		837	
																		837		837		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	5234.5	65915	78.8	12.54	837							
Dry Bulb	199669	40571	48.5	6.022	837		.1					93
Wet Bulb	173537	37825	45.2	5.378	837		.5					93
Dew Point	149869.8	35749	41.9	6.163	837		6.2					93

USAFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 2630-0800 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67 / 69					.1													1	1		
65 / 67				.2			.1											3	3		
63 / 65		.1	.2	1.0	.2	.4												16	16		
61 / 63		.2	1.4	.6	.7	.1	.1											29	29	9	1
59 / 61		1.2	1.0	1.6	.7	.4												45	45	6	1
57 / 59	.1	2.3	2.2	1.9	.4													57	57	31	10
55 / 57	.1	2.6	4.1	2.6	1.6	.4												94	94	77	69
53 / 55	.7	3.2	5.3	2.7	.8													107	107	75	93
51 / 53		2.6	2.2	1.6	.5													57	57	95	29
49 / 51	.4	6.2	3.6	2.3	.2													126	126	125	69
47 / 49	.6	9.1	5.4	2.3	.2													147	147	115	145
45 / 47	.4	4.7	2.9	1.2														75	75	116	137
43 / 45	.1	3.3	1.1	.5														42	42	99	59
41 / 43		1.6	.5	.1														23	23	55	81
39 / 41	.6	1.6	.5															23	23	36	52
37 / 39		1.3	.1															12	12	25	53
35 / 37		.6	.1															6	6	15	43
33 / 35		.1																1	1	5	18
31 / 33																					13
29 / 31																					7
27 / 29																					2
25 / 27																					
TOTAL	7.4	40.9	33.5	16.8	5.5	1.2	.2											837	837	837	837

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	536768	56204	79.2	11.817	837							
Dry Bulb	2.28535	4[illegible]91	48.9	5.976	837		.1					93
Wet Bulb	1755989	38105	45.6	5.351	837		.7					93
Dew Point	1537105	35513	42.4	6.228	837		4.7					93

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21 (STATION) IRRELEVANT AB SP (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 1 2200-1100 (HOURS)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 79										.2								2		2		
7 / 77									.2	.4		.1						6		6		
/ 75						.1	.2	.2	.1									5		5		
4 / 73							.5	.4	.1	.1								9		9		
/ 71					.1	.2	1.2	.2	.5	.2								21		21		
1 / 69				.1	.5	1.0	.6	.4	.4									24		24		
/ 67					.5	1.3	.9	.5										26		26		
6 / 65					1.5	2.2	1.1	.1	.2									45		45	1	
4 / 63				1.1	2.9	4.4	1.9	.5										91		91	5	
6 / 61			1.0	2.4	2.7	3.9	1.5	.2										101		101	10	
/ 59			.6	2.3	2.9	1.4	1.0	.1										69		69	76	3
/ 57	.2	1.2	1.7	5.9	2.4	1.7	.2		.1									114		114	75	5
5 / 55	.1	1.3	1.9	3.7	2.6	1.1	.1	.1										92		92	53	27
4 / 53		.5	2.9	3.1	3.5	1.1	.4											98		98	113	42
/ 51		1.7	2.5	1.6	1.4	.5												64		64	154	73
5 / 49		.1	.7	.7	.7	.2												21		21	126	58
/ 47	.2	.6	1.8	1.0	.1													31		31	98	123
1 / 45		1.2	.5	.2	.1													15		15	52	172
4 / 43		.1																1		1	43	93
2 / 41			.1															1		1	16	53
4 / 39																					3	71
7 / 37																					1	41
/ 35																						34
3 / 33																						17
/ 31																						5
/ 29																						7
/ 27																						1
/ 23																						2
2 / 21																						1
TOTAL	.4	6.8	13.6	22.3	22.2	19.1	10.0	2.9	1.7	1.0		.1						837		837		837
																			837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3365118	51796	61.9	13.957	837							
Dry Bulb	2921104	49144	58.7	6.523	837			10.4	2.5	.2		93
Wet Bulb	2234241	43059	51.4	4.754	837							93
Dew Point	1722773	37659	45.0	5.827	837		1.9					93

USAFETAC FORM AX 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-91 — YEARS
MAY — MONTH
PAGE 1
1200-1400 — HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 83												.2						2	2		
4/ 81											.4	.2	.4					8	8		
/ 81								.1		.2	.8	.6	.4					17	17		
/ 79							.1	.1	.5	.4	.5	.5						19	19		
7 / 77							.1	.6	1.1	1.2	1.0	.6						38	38		
/ 75						.1	.1	1.0	1.1	.8	.2							26	26		
4/ 73						.1	.6	1.8	1.6	.6	.7							45	45		
/ 71							1.4	.6	1.9	.8	.1							43	43		
/ 69						.8	2.6	2.6	1.4	.6								67	67	1	
1 / 67					.4	.2	1.2	1.1	.7	.2								32	32	2	
6/ 65				.1	.7	1.4	3.6	2.2	1.0									77	77	6	
4/ 63		.1	.1	.6	1.6	6.7	5.3	3.7	.1	.1								153	153	31	1
/ 61			.2	.6	1.8	3.3	2.2	.5										72	72	62	2
/ 59		.1	.7	1.1	3.[illegible]	1.6	1.2	.5	.1	.2								71	71	76	3
/ 57	.1	.6	.7	1.9	2.3	1.1	1.3		.1									68	68	170	6
5 / 55	.1	.5	.4	1.2	.7	.8	.5											35	35	126	16
/ 53		.4	.7	.8	.4	.2	.5											25	25	141	41
2/ 51		.7	1.1	.5	.1	.4	.1											24	24	137	54
/ 49		.4	.1	.4	.1													8	8	98	51
/ 47		.1	.2															3	3	79	94
/ 45		.1																1	1	71	182
4/ 43																				16	113
2/ 41																				6	63
/ 39																					79
/ 37																					65
/ 35																					24
3 / 33																					11
/ 31																					7
/ 29																					1
/ 27																					9
/ 19																					2
/ 17																					1
TOTAL	.1	3.0	4.3	7.2	11.0	16.9	21.1	15.0	9.7	5.1	3.8	2.0	.7					536	836	836	836

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	22024.7	41067	49.1	14.888	836							
Dry Bulb	3592189	54419	65.1	7.724	836			33.3	17.5	4.4		93
Wet Bulb	2447571	45163	53.9	4.749	836			.3				93
Dew Point	1674945	37171	44.3	6.102	836		3.2					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TURREJON AB SP (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 1 1500-1700 (HOURS)

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 94																											.1						1	1		
/ 87																									.1		.1						2	2		
8/ 87																									.1		.1						2	2		
8/ 85																					.1		.2		.6		.2						12	12		
7/ 82																	.1		.4	1.0		.5			.8				.1				24	24		
7/ 81															.2				.4	1.2		2.0			.6		.5						41	41		
/ 79													.1		.1		.5		1.1	1.0		.6			.5		.2						34	34		
7/ 77													.1		.1		.8		1.2		.5		.1		.1								26	26		
7/ 75													.1		.7		1.6		2.5		.5		.4										45	45		
6/ 72													.1		1.2		1.9		2.2		1.0		.1										54	54		
/ 71													.4		1.0		3.0		1.7		.5		.2										53	53		
/ 69											.8		.5		2.7		2.6		1.0		.4												67	67		
/ 67									.1		.1		.7		2.2		1.6		.1														41	41	7	
5/ 65					.1		.3		.2		.8		3.5		2.7		2.0																81	81	9	
4/ 63					.1		.3		2.2		5.0		3.7		2.5		.1		.1														122	122	25	
4/ 61					.2		1.3		1.2		2.7		1.2		1.4		.4		.1		.1												73	73	56	2
/ 59					.4		.1		.5		1.0		1.2		.4		.1		.2														35	35	73	5
2/ 57			.5		.8		1.4		1.2		1.1		.7		.1																		49	49	103	5
5/ 55			.1		1.2		.8		.4		.1		.4																				25	25	155	12
4/ 53			.4		1.9		.4		.1		.1		.1																				25	25	133	27
7/ 51			.1		.6		.5		.1																								11	11	136	55
3/ 49			.1		.1		.1		.1																								4	4	75	39
/ 47																																			37	53
2/ 45					.1		.1																										2	2	16	175
4/ 43																																			11	112
2/ 41																																			3	89
4/ 39																																				45
2/ 37																																				49
/ 35																																				54
3/ 33																																				18
/ 31																																				5
1/ 29																																				15
/ 27																																				5
/ 25																																				2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AB SP	73-81	MAY

PAGE [illegible] HOURS 1500-1700

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 23																					1
/ 1[illegible]																					1
/ 17																					
TOTAL		1.2	5.6	5.[illegible]	6.5	1.8	13.3	15.4	14.7	10.9	6.2	4.2	2.9	1.3	.1			837			837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	1[illegible]374[illegible]4	36928	44.1	15.730	837							
Dry Bulb	3[illegible]2600	56712	67.8	8.472	837			45.6	26.9	1[illegible].9		93
Wet Bulb	252[illegible]591	45767	54.7	4.648	837			.9				3
Dew Point	1[illegible]17032	36422	43.5	6.20[illegible]	837		3.7					3

USAFETAC FORM 0-26-5 (OL-A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 1 1300-2000 (HOURS)

Temp (F)	0	1-2	3	4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
89																							.1						1	1		
87																					.1								1	1		
85																	.1												1	1		
83																	.7	.1	.6		.1								13	13		
81													.1		.4		.8	1.4	.2										25	25		
79											.2		.2		.7		.7	.7	.6										27	27		
77									.1		.6		.7		1.3		.8	.4	.2										35	35		
75							.1		.1		.6		1.4		1.6		.5	.5	.1										41	41		
73									.2		1.0		1.6		1.6		1.0	.1											45	45		
71							.1		.6		1.0		1.7		.7		.4	.1											42	42		
69						.1	.7		.6		2.0		1.7		1.2		.4												55	55		
67						.1	.7		1.0		1.7		1.7		.1		.1												46	46	2	
65						.1	1.0		3.0		1.3		1.4		.4														64	64	7	
63					.7	1.7	4.5		5.3		3.6		.4																137	137	16	
61				.4	.7	1.7	3.2		2.5		.7		.1																78	78	42	
59		.1		.2	.2	3.1	.5		1.6		.2				.1														52	52	72	4
57		.1		1.3	2.0	1.3	.6		1.1		.2				.1														57	57	87	7
55		1.2		1.2	1.6	.6	.7		.6																				49	49	136	12
53		.1		1.1	.5	.7			.4				.1																24	24	141	21
51		1.1		1.3	.6	.6																							32	32	149	54
49		.4		.1	.2		.2																						8	8	113	49
47		.6		.1		.1																							7	7	52	67
45						.1																							1	1	27	158
43																															14	124
41																															3	50
39																															4	54
37																															1	49
35																																52
33																																27
31																																12
29																																6
27																																15
25																																3
23																																2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 277 — STATION
TORREJON AB SP — STATION NAME
73-91 — YEARS
MAY — MONTH
PAGE 2
1600-2300 — HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 11																					1
TOTAL			3.3	5.7	6.8	11.2	12.4	17.1	13.4	11.1	5.1	5.5	3.3	1.9	.2			837	837	837	837

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2150001	39595	47.3	16.678	837							
Dry Bulb	3646927	54800	65.5	8.405	837			36.7	21.7	6.4		93
Wet Bulb	2424275	44872	53.6	4.725	837			.3				93
Dew Point	1599836	36204	43.3	6.363	837		4.3					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 — STATION — TORREJON AB SP — STATION NAME — 73-81 — YEARS — MAY — MONTH

PAGE 1 — 2100-2300 — HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
77											.1							1	1			
75									.2									2	2			
73						.4	.1	.4	.4	.1								11	11			
71						.1	.7	.5	.7	.2	.4							22	22			
69					.4	.5	.7	.6	.5	.4	.2							27	27			
67					.1	.5	.4	.5	.2	.1								15	15			
65			.1		.2	1.0	1.4	.5	.5									31	31			
63			.2	1.3	1.2	1.3	1.4	1.1	.2									57	57	3		
61		.2	.7	1.9	1.8	2.6	1.	.7	.1									76	76	7		
59			1.1	1.1	4.7	1.2	1.3	.5										51	51	23	2	
57		1.3	1.5	3.8	2.2	2.8	.7											1	1	52	11	
55	.4	2.3	2.5	3.2	1.3	1.7	.4											99	99	5	22	
53		1.6	3.1	4.1	1.7	1.3	.5											102	102	93	36	
51		2.3	2.9	3.1	.7	.1												76	76	155	53	
49		1.3	1.7	.8	.2			.1										35	35	132	44	
47	.2	1.9	1.7	1.1	.5	.2												47	47	132	87	
45		1.3	1.6	.8	.5	.1												35	35	71	155	
43		.4	.5	.2		.1												11	11	55	121	
41		.1		.1														2	2	23	55	
39			.1															1	1	11	75	
37																				7	52	
35																				3	39	
33																					31	
31																					9	
29																					17	
27																					7	
25																					1	
21																					1	
19																					1	
15																					1	
TOTAL	.5	12.7	18.2	21.4	15.4	13.9	8.6	4.8	2.9	.8	.7								835			835
																		836		836		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3031247	53285	63.7	16.775	836							
Dry Bulb	2756495	47675	57.0	6.723	836			5.7	1.5			93
Wet Bulb	2120161	41971	50.2	4.736	836							93
Dew Point	1643482	36674	43.9	6.442	836		4.1					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TUCHEJON AB SP — STATION NAME
73-81 — YEARS
MAY — MONTH
PAGE 1
ALL — HOURS

Temp F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 91																											.0						1	1		
/ 87																									.0		.0						3	3		
4 / 87																									.0		.0						3	3		
5 / 83																					.0	.1	.1		.2		.0						13	13		
/ 79																	.0		.0		.3	.1	.2		.2		.0		.0				45	45		
/ 74															.0		.0		.1		.4	.5	.1		.1		.0						53	53		
/ 72													.0		.1		.2		.3		.3	.2	.1		.0								52	52		
7 / 77													.0		.2		.4		.5		.3	.1	.0										126	126		
/ 75											.0		.1		.3		.6		.6		.1	.1	.0										125	125		
4 / 72											.1		.2		.6		.7		.6		.3	.0											164	164		
/ 71									.0		.1		.5		.4	1.0			.5		.2	.0											157	157		
/ 69							.0		.1		.5		.6	1.1			.8		.4		.1												244	244	.0	
/ 67									.0		.4		.5		.6		.5		.1		.0												156	156	.1	
2 / 65					.0		.1		.5		.8	1.7			.9		.7		.0														313	313	.3	
3 / 63				.0		.1		.7	1.2	3.0	2.3		1.5				.1		.0														599	599	.1	.1
/ 61			.1		.4		1.2		1.7	2.1		1.3			.5		.1		.0		.0												467	467	.5	.0
/ 59			.1		.7		.9		2.1		.8		.5		.2		.0		.1														396	396	.9	.9
/ 57	.0		.5		1.3		2.6		1.5	1.1			.5		.2		.0		.0														541	541	.7	.4
5 / 55	.2		1.5		1.4		2.7		1.1		.6		.2		.0																		445	445	.3	.9
4 / 53	.1		1.4		2.5		2.2		1.4		.5		.0				.0																553	553	.0	.3
/ 51	.2		2.7		2.8		1.9		.7		.2		.0																				524	524	.5	.0
/ 49	.0		1.3		1.5		.6		.4		.1				.0																		282	282	.3	.2
3 / 47	.2		2.0		1.8		.4		.7		.0																						355	355	.6	.7
2 / 45	.2		3.4		2.3		.8		.2		.0																						462	462	.1	.7
4 / 43	.2		1.2		.9		.4		.0		.0																						150	150	.2	.9
2 / 41	.1		1.1		.4		.3																										128	128	.6	.1
/ 39	.0		.5		.3		.1																										61	61	.6	.5
/ 37	.1		.5		.2																												53	53	.4	.4
/ 35			.4		.1																												30	30	.1	.5
3 / 33			.1		.0																												10	10	.2	.7
/ 31			.0																														2	2	.4	.3
/ 29																																				.7
/ 27																																				.9
/ 25																																				.4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) JUN 64 REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2127 (STATION) TONOPAH AB NV (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 1 ALL HOURS

Temp °F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 20																																				4
1/ 24																																				2
1/ 27																																				4
1/ 17																																				3
1/ 12																																				5
1/ 11																																				1
TOTAL	1	4	16	7	17	14	9	11	21	10	5	4	3	6	6	5	3	2	2	3	1	2			.7		.2						5693	5693	5693	5693

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	23492475	416003	62.2	19.846	5693							
Dry Bulb	2352492	387932	58.0	10.062	5693		.2	135.5	69.5	22.2		744
Wet Bulb	218464	336661	50.3	6.068	5693		1.6	1.6				744
Dew Point	128983.4	290836	43.5	6.236	5693		32.2					744

USAFETAC FORM AR 0 26 5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OS

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
ATTN: ATMOSPHERIC SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
27	THERMOPOLIS WS SP	73-81	JAN

PAGE 1 0000-2300 HOURS

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77										.2								2		2		
77								.1		.2								3		3		
76						.1		.1	.2	.1	.1							5		5		
75							.1	.5	.5									9		9		
74					.1	.9	.7	.2	.7	.1								24		24		
69				.4	.5	1.4	1.7	.7	.2	.1								41		41		
67			.3	1.1	.7	2.1	.5	.1										40		40		
65		.2	1.1	1.6	1.2	1.6	.5	.7	.1									60		60	.4	
63		1.2	2.1	4.3	1.7	2.6	1.6	.7	.2									114	114	15	.1	
61	.4	.9	3.2	3.2	2.7	1.5	1.1	.2	.1									107	107	56	.5	
59	.4	1.4	3.1	1.7	2.1	.5	.2	.2										77	77	80	30	
57	.2	3.5	3.3	2.7	2.0	.6	.2											104	104	134	34	
55	.5	3.1	3.2	2.8	1.1	.9												94	94	112	83	
53	.1	2.6	1.4	1.7	.7	.4												56	56	124	1.2	
51	.2	1.2	1.9	1.2	.4	.1												41	41	170	1.3	
49	.4	.5	.5	.4														15	15	79	77	
47	.1	.9	.2	.1														11	11	50	85	
45		.1																4	4	70	1.2	
43		.2																2	2	8	5	
41																				2	3	
39																					2	
37																					2	
35																					1	
33																					4	
31																					4	
29																					3	
27																					1	
TOTAL	.3	.22	.42	.9	13.6	12.5	7.2	3.6	2.2	.9	.1							81	81	81	81	81

Element / Y	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4,204[illegible]	[illegible]5445	65.5	16.679	81[illegible]							
Dry Bulb	2,985[illegible]39	48,35[illegible]	50.4	6.[illegible]59	81[illegible]			13.9	2.2			90
Wet Bulb	2,[illegible]2047	43851	54.3	4.517	81[illegible]							90
Dew Point	1,986774	3981[illegible]	49.1	6.308	81[illegible]		.9					90

USAFETAC FORM AUG 64 0-265 (C-L-A) REVISE PREVIOUS EDITIONS FOR THIS PURPOSE ONLY

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81 MONTH: [illegible]

PAGE 1 HOURS: 0300-0900

Temp F	0	1-2	3	4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]							.1																						1	1		
[illegible]						.2			.1																				2	2		
[illegible]						.1	.2		.1																				4	4		
[illegible]					.2	.5			.5																				12	12		
[illegible]			.1		.1	1.1	.4		.1				.1																16	16	1	
[illegible]		.6	.7	2.2	1.4	.9	.9	.1																					53	53	1	
[illegible]	.1	1.4	2.6	2.1	1.9	1.4	.6	.1																					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	2.5	4.3	2.2	1.5	.6	.1	.1																					100	100	37	[illegible]
[illegible]	.2	4.4	2.5	2.8	1.5	.5	.4																						106	106	71	23
[illegible]	.4	5.2	3.3	3.5	.5	.9	.2																						118	118	107	25
[illegible]	1.	4.6	3.5	2.5	1.4	.1	.1																						117	117	117	96
[illegible]	.7	2.7	4.	2.1	.7																								83	83	109	59
[illegible]	.1	1.4	1.5	.6	.4																								34	34	177	72
[illegible]	.5	3.	1.5	.4	.2																								49	49	101	42
[illegible]	.4	1.	.4	.4																									29	29	50	1.5
[illegible]		.4	.2																										9	9	32	78
[illegible]		.9	.1																										5	5	17	34
[illegible]																															12	31
[illegible]																																65
[illegible]																																13
[illegible]																																7
[illegible]																																2
[illegible]																																5
[illegible]																																1
[illegible]	.4	.5	.4	25.6	15.9	11.4	5.1	2.1		.4		.1																		9		509
																													509		509	

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel Hum	4223774	42344	76.7	14.526	509							
Dry Bulb	2343262	45118	55.8	5.460	509			1.9	.1			99
Wet Bulb	2177854	41794	51.7	4.814	509							99
Dew Point	1900194	38962	48.1	6.045	509		1.0					99

USAFETAC FORM NO. 0265 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] TORREJON AB SP [illegible]
STATION STATION NAME YEARS MONTH

PAGE [illegible] [illegible]
HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 7[illegible]									.1									[illegible]	[illegible]		
/ 7[illegible]							.[illegible]											[illegible]	[illegible]		
/ 7[illegible]					.		.[illegible]	.1										[illegible]	3		
/ [illegible]				.1	.[illegible]	.2	.7	.2										14	14		
/ 67					.[illegible]	.1	.1											[illegible]	[illegible]		
/ 5[illegible]		.1	.1	.5	1.7	.1	.4											24	24	[illegible]	
/ [illegible]		1.1	.2	4.[illegible]	[illegible].3	1.4	.7	.[illegible]										[illegible]1	[illegible]	[illegible]	1
/ [illegible]		1.2	1.9	3.3	[illegible].1	1.5	.[illegible]	.1										[illegible]4	[illegible]4	[illegible]5	1
/ 9	1.	2.3	4.6	1.6	1.[illegible]	.5	.5											[illegible]7	[illegible]7	[illegible]3	[illegible]
/ [illegible]	.4	4.7	3.5	3.2	1.2	.9	.1											113	11[illegible]	[illegible]	[illegible]3
/ [illegible]	.[illegible]	5.8	[illegible].3	3.2	1.[illegible]	.7												115	115	114	[illegible]
/ [illegible]	1.4	3.7	3.5	1.5	1.[illegible]	.4												[illegible]	[illegible]	12[illegible]	[illegible]7
/ [illegible]	.7	[illegible].2	3.[illegible]	1.[illegible]	.[illegible]													[illegible]3	[illegible]	115	11[illegible]
/ [illegible]	.1	2.3	.[illegible]	.5	.[illegible]	.1												36	36	1 2	[illegible]
/ [illegible]7	.	1.4	1.5															27	[illegible]	[illegible]	[illegible]
/ 4		[illegible].5	1.1	.4	.1													[illegible]3	[illegible]	[illegible]	141
/ 4[illegible]		.4	.2															[illegible]	[illegible]	[illegible]7	57
/ [illegible]	.1	.2																[illegible]	[illegible]	[illegible]	[illegible]7
/ [illegible]		.4																[illegible]	[illegible]	7	[illegible]
/ [illegible]																				[illegible]	1[illegible]
/ [illegible]																					1[illegible]
/ [illegible]3																					[illegible]
/ 31																					[illegible]
/ [illegible]																					
/ [illegible]																					.
TOTAL	.	[illegible].4	23.4	1[illegible].3	14.1	5.9	3.2	.7	.1									[illegible]9	[illegible]9	[illegible]9	[illegible]9

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum	[illegible]12571	51[illegible]57	75.3	14.492	[illegible]9							
Dry Bulb	2[illegible]31[illegible]55	45[illegible]7	56.7	5.732	[illegible]9			[illegible].1	.7			[illegible]
Wet Bulb	[illegible]23[illegible]455	42[illegible]	5[illegible].4	4.[illegible]1	[illegible]							[illegible]
Dew Point	1[illegible]45965	3[illegible]3[illegible]1	45.7	5.864	8[illegible]9		.5					9[illegible]

USAFETAC FORM JUL 64 0-26-5 (OL A)

US AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: TORREJON AB SP — STATION NAME: 73-81 — YEARS: [illegible]

PERIOD: [illegible] — HOURS: [illegible]

Temp F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																									.1								1		1		
[illegible]																							.1				.1						2		2		
[illegible]																					.7												5		[illegible]		
[illegible]															.1		.4		.7		.2		.5		.4								21		21		
[illegible]															.7	1.5			.2		.2												24		24		
[illegible]										.5		1.1		1.7	1.1				.5		.4												44		44		
[illegible]									.5		.6		2.3	2.1		.9			.1		.1				.1								53		53		
[illegible]									.5	1.2	2.3	1.1	1.4		.2				.2		.1		.1										55		55		
[illegible]							.1	1.3	3.3	3.2	1.2	1.1			.6				.2		.1		.1										54		54		
[illegible]					.4		.7	1.7	2.5	1.8	2.3		.6		.2				.2		.1												74		74		
[illegible]							.7	[illegible]	1.1	1.3		.5		.1																			44		44	[illegible]	
[illegible]					.5		.2	3.2	3.2	[illegible]		.7		.1					.1														57		57	37	
[illegible]			.2	1.		3.3		3.	4.4	[illegible]		1.[illegible]		.2																			123		123	46	
[illegible]		1.4		1.5		1.7		1.1	2.1			.1			.2																		56		56	121	12
[illegible]			.4	1.7		.7		1.2		.6		.5																					44		44	175	51
[illegible]			.7	1.1					.6		.2		.1																				23		23	132	57
[illegible]		1.									.2																						11		11	113	111
[illegible]					.2				.1																								7		7	55	124
[illegible]			.2				.4																										6		6	55	112
[illegible]					.1																												1		1	28	53
[illegible]																																				13	57
[illegible]																																				4	114
[illegible]																																					[illegible]
[illegible]																																					22
[illegible]																																					15
[illegible]																																					13
[illegible]																																					9
[illegible]																																					4
[illegible]																																					1
[illegible]																																					3
[illegible]																																					1
[illegible]	[illegible]	4.4	7.2	9.8	14.3	19.5	14.3	12.3	7.5	3.1	2.1	1.3	.5	.1																			51[illegible]		51[illegible]		513

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	[illegible]	44922	55.5	15.357	[illegible]							
Dry Bulb	[illegible]	[illegible]	67.9	6.803	[illegible]			47.5	22.4	4.1		[illegible]
Wet Bulb	[illegible]	46913	57.9	4.453	[illegible]			1.1				[illegible]
Dew Point	[illegible]	40816	50.4	6.376	[illegible]		.5					[illegible]

USAFETAC FORM 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION | TORREJON AB SP STATION NAME | 70-81 YEARS | 000 UNIT

PAGE 1 | 1400-1400 HOURS

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77																	.1	1	1		
77																.1		1	1		
75														.1				1	1		
73													.1	.2	.1			4	4		
71													.6		.6			12	12		
69											.1	.3	.2	.2	.1	.2		16	16		
67												1.4	.6	1.1	.1			26	26		
65										.1	1.0	.5	.9	.2				22	22		
63								.1	.2	1.0	1.7	1.1	.7	.2				42	42		
61							.1	.2	1.7	3.6	3.1	2.6	.6	.3	.1			1.0	1.0		
59							.1	.7	3.2	2.2	1.7	.7	.2	.1				75	75		
57							1.1	2.6	2.1	1.6	.7	.4	.1					69	69		
55						.5	1.6	3.1	3.3	2.1	1.0							95	95		
53					.1	.4	1.6	2.2	3.0	.7	.6							71	71		
51					.1	1.2	1.6	1.7	2.1	.9	.4							66	66		
49				.5	.4	1.1	1.7	1.7	.9	.6	.2							55	58	6	
47					.4	.5	1.6	.7	.5	.1								37	37	79	
45			.4	.1	.9	.9	1.7	.4	.4									35	35	94	
43		.1	.5	.4	1.2	.9	1.2	.2										37	37	134	2
41			.4	.7	.1	1.1	.1											23	23	133	7
39	.1		.6	.1	.4	.2												12	12	123	3
37		.9	.2	.1	.4													13	13	111	37
35			.1															1	1	94	95
33		.1																1	1	45	93
31		.1																1	1	34	99
29																				1	61
27																					79
25																					143
23																					68
21																					27
19																					32
17																					21
15																					1
13																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION TORREJON AB SP STATION NAME 73-81 YEARS [illegible] MONTH

PAGE [illegible] [illegible] HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
[illegible]																																		1
[illegible]																																		5
[illegible]																																		[illegible]
[illegible]	.1	1.2	2.2	2.6	4.2	6.9	12.5	13.7	17.4	13.3	11.5	7.2	4.2	3.1	1.1	.4	.1																310	310
																																	510	51

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1957.9	33547	41.5	14.125	810							
Dry Bulb	4543275	63989	79.3	7.830	810			75.3	59.2	24.7	.3	90
Wet Bulb	2935453	48639	60.1	4.273	810			4.1				90
Dew Point	1969606	39630	48.9	6.157	810		1.0					90

USAFETAC FORM 0-26 5 (OL A) JUN 64 REVISED METHODS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1 — HOURS 1500-1700

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 79																	.5	4	4		
-/ 97																.4		3	3		
/ 95															.1	.5	.1	5	5		
-/ 93														.1	.7	.4	.1	11	11		
/ 91												.1	.5	.9	.6	.7		24	24		
/ 89												.5	.9	2.1	1.2	.1		35	35		
5/ 87										.2	.5	3.1	1.5	2.0	.5			54	54		
5/ 85										.1	.9	1.0	1.9	.4				34	34		
-/ 83								.1		.9	2.2	2.1	1.7	.4	.5			54	54		
/ 81								.2	.6	3.0	3.3	5.3	1.5	.1	.2			116	115		
/ 79					.1	.7	1.4	1.4	2.5	2.0	.7	.5						75	75		
7 / 77						.4	.5	1.5	1.5	2.2	2.0	.4						59	59		
-/ 75							.5	1.6	1.2	1.7	1.1	.7						56	56		
-/ 73					.4	.4	.6	1.6	2.0	.6	.9							52	52		
/ 71					.1	.1	1.2	1.7	1.7	1.4								51	51	2	
/ 69		.1	.1	.2	.3	.7	.6	.6	1.0	.1								35	35	4	
/ 67					.3	.6	.2	.5	.2									17	17	42	
6/ 65			.4	.1	.4	.4	1.	.1	.2									21	21	173	1
-/ 63		.4	.5	.5	.7	1.1	.5	.4										34	34	143	4
/ 61		.2	.2	.7	.1	.2	.1											14	14	131	9
/ 59	.4	.4	.7	.1	.1													14	14	134	22
/ 57				.1														1	1	114	41
5 / 55		.4	.5															7	7	76	37
-/ 53																				45	69
/ 51																				14	104
- / 49																				4	46
/ 47																					85
- / 45																					155
4 / 43																					81
2 / 41																					50
- / 39																					39
3 / 37																					33
/ 35																					13
3 / 33																					9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-265 (OL A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] AB SP YEARS: 73-81 MONTH: JAN

PAGE [illegible] HOURS: 1500-1700

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 3.																																			
/ 2.																																			
/ 2.																																			
/ 25.																																			
[illegible]	.-	1.5	2.5	1.9	3.2	4.0	5.4	9.3	9.9	11.6	17.3	15.3	5.8	6.4	3.5	2.1	.7																[illegible]		[illegible]
																																	812		812

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1637[illegible]	27[illegible]	36.5	16.546	812							
Dry Bulb	5[illegible]25533	53427	75.3	8.532	812			79.9	68.4	43.[illegible]	2.7	[illegible]
Wet Bulb	2934153	49[illegible]57	6[illegible].6	4.017	812			5.2				[illegible]
Dew Point	1562297	38471	47.5	6.569	812		1.3					[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AFIS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — JUN MONTH

PAGE 1 — 1800-2000 HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
-/ 97																.1	.2	3	3			
2/ 95																.2		2	2			
4/ 93															.5	.5		9	9			
/ 91													.2	.5	.4	.7		15	15			
/ 89												.2	.7	1.9	.2	.4		28	28			
5/ 87											.1	1.4	1.0	1.6	1.5			41	41			
5/ 85									.1		.2	.9	1.4	.2	.1			24	24			
4/ 83								.1	.1		2.1	1.2	2.3	1.1	.2			53	53			
/ 81							.1	.2	.4	1.5	2.1	2.7	1.5	.7	.2			77	77			
/ 79							.1	.7	2.2	1.5	3.5	1.9	.2	.2				84	84			
7/ 77						.2	.5	1.2	1.9	1.2	1.7	.2	.2					59	59			
/ 75					.2	.6	1.7	.5	2.2	1.9	1.1	.5	.1					73	73			
4/ 73					.4	.6	1.2	1.2	2.1	.6	.9	.1						58	58			
/ 71			.1	.1	.3	.4	1.0	1.3	2.2	.4	.4							52	52	1		
/ 69			.4	.4	1.2	1.0	1.4	1.2	.7	.6								56	56	2		
/ 67					.2	.5	.6	1.0	.4	.1								23	23	21		
6/ 65			.7	.4	1.4	.5	1.1	.5	.4	.1								42	42	76	2	
4/ 63		.6	1.6	1.2	.4	.7	.5	.5	.1									44	44	136	8	
/ 61		.4	.1	.7	.6	.7	.1											22	22	136	10	
/ 59		.3	.9	.7	.5													19	19	140	36	
/ 57		.9	.4	.4		.2												15	15	121	46	
5/ 55																				80	44	
4/ 53																				60	56	
/ 51		.2	.1															3	3	75	93	
5/ 49																				9	35	
/ 47																				3	64	
4/ 45																					152	
4/ 43																					65	
2/ 41																					58	
/ 39																					34	
/ 37																					39	
/ 35																					21	
3/ 33																					10	
/ 31																					2	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM NO. 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0-273 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PAGE 1 1800-2300 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/2																					9
1/2																					2
TOTAL		.3	4.4	3.7	5.4	5.7	6.4	8.4	12.8	7.9	12.1	9.1	5.3	6.3	2.8	2.7	.2	810	810	810	810

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1074451	32579	40.2	18.268	810							
Dry Bulb	4727231	61472	75.9	8.757	810			73.9	59.5	33.0	1.6	90
Wet Bulb	2903623	48381	59.7	4.137	810			2.7				90
Dew Point	1371146	36476	47.5	7.158	810		1.9					90

USAFETAC FORM JUN 66 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] TURREJON AB SP — STATION NAME

YEARS: 73-81

MONTH: [illegible]

PAGE 1 — HOURS: 2100-2300

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
87												.1		.1				2		2		
84												.2		.1				3		3		
81									.1	.9	.2	.9	.1	.2				2		2		
78								.1	1.2	.1	1.1	.1	.1					21		21		
77								.2	.5	.7	.6	.1						16		18		
75						.2	.7	1.5	1.1	1.0	.4	.1						41		41		
73					.1	.7	1.9	1.5	2.0	.6	.5							59		59		
71					1.2	1.9	1.7	1.2	1.9	1.1	.2	.2						75		75		
69			.2	1.1	1.4	1.6	2.7	1.2	.2	.4	.2							74		74		
67			.5	.4	.7	1.4	.7	1.2	.5									44		44		
65		.1	1.4	1.0	2.6	2.1	2.6	.5	.6	.2								92		92	12	
62	.1	.9	1.9	2.8	3.7	3.1	1.1	1.9	.2									127		127	65	3
59	.1	.7	2.1	1.5	2.6	1.1	.7	.4										74		74	95	14
57		1.6	2.5	.5	.6	.5	.7	.2										53		53	124	46
55		1.4	1.4	1.4	.6	.7	.2											46		46	150	51
53		1.9	.7	.9	.6	.4												36		36	133	65
51		.5	.4	.6	.4													15		15	97	87
49			.6	.1														6		6	55	79
47		.1																1		1	47	58
45		.2	.1															3		3	32	65
43																					7	160
41																						52
39																						43
37																						35
35																						21
33																						22
31																						13
29																						3
27																						2
25																						3
TOTAL	.2	7.4	11.6	10.2	14.2	13.7	13.5	10.0	8.1	4.9	3.3	1.9	.2	.5				810		810	810	810

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2359255	457.5	56.5	18.273	810							
Dry Bulb	3535643	53770	66.4	6.965	810			39.7	18.2	3.2		90
Wet Bulb	2620340	45934	56.7	4.362	810							90
Dew Point	1982908	39690	49.0	6.862	810		.9					90

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PAGE 1 HOURS ALL

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 100																																.1	5		5		
99																															.1	.2	7		7		
98																											.2	.1			.1	.2	9		9		
97																									.2		.2	.2	.2		.1	.2	24		24		
96																							.1		.2		.2	.2	.2		.2		49		49		
95																					.2		.2		.2		.6		.2		.1		83		83		
94																			.3		.1		.7		.4		.6		.2				133		133		
93																	.2		.2		.3		.3		.5		.1		.1				82		82		
92															.3		.3		.2		.5		.6		.7		.2		.1				178		178		
91													.2		.1		.4	1.2	1.1	1.1	1.5		.5		.5		.2		.1				334		334		
90													.1		.4		1.2		.7	1.1			.6		.2		.1						281		281		
89											.1		.4		.9		.9		.8		.7		.1		.2								262		262		
88									.1		.3		.9	1.1		1.1			.9		.5		.2		.3								326		326		
87									.2		.4	1.2		1.2		1.4			.4		.4		.2										326		326		
86					.1		.3		.4		.9		1.2		.9		1.2		.5		.1		.3										355		355	3	
85			.1		.1		.4		.5		1.1		1.2		1.2		.5		.3		.1												376		376	14	
84					.1		.3		.7		.8		.7		.5		.2		.3														216		216	1[illegible]	
83			.1		.6		.5	1.6		1.2		1.3			.4		.2		.1														302		302	326	3
82		.1	.6	1.3		2.2		1.8		1.9		1.1			.6		.1																613		613	577	23
81		.1	.5	1.5		1.8		1.4		1.2		.4			.1		.2																467		467	719	71
80		.4	1.1	2.3		1.3		1.1		.4		.3			.1																		416		416	619	272
79		.1	2.1	1.6		1.4		.5		.4		.1																					426		426	921	332
78		.3	2.2	1.3		1.4		.5		.4		.3																					393		393	828	509
77		.1	1.4	1.1		.8		.5		.1		.1																					282		282	895	711
76		.2	.8	1.3		.6		.2		.7																							202		202	536	817
75		.1	.2	.4		.2		.1		.1																							87		87	396	475
74		.2	.7	.4		.1		.1																									90		90	292	631
73		.1	.6	.3		.1		.1																									56		56	149	1273
72			.2	.1																													16		16	65	507
71		.1	.1	.1																													11		11	27	310
70			.1																														3		3	17	256
69																																				3	166
68																																					112
67																																					52

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81 MONTH: JUN

PAGE [illegible] HOURS: ALL

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ 31																																					17
/ [illegible]																																					[illegible]
/ [illegible]																																					[illegible]
/ 25																																					1
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.2	[illegible]	[illegible]	7.3	7.3	6.2	5.2	4.3	2.[illegible]	2.1	1.[illegible]	.6	.1											6478		6478		6478
																																	6478.		6478		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	23723150	365372	56.4	21.932	6478							
Dry Bulb	29930947	434645	67.1	10.933	6478			336.[illegible]	231.1	113.1	5.[illegible]	72[illegible]
Wet Bulb	2[illegible]9612[illegible]2	367 54	56.7	5.532	6478			[illegible]3.1				72[illegible]
Dew Point	15[illegible]7142	315256	48.7	6.455	6478		8.1					72[illegible]

USAFETAC FORM 0 26-5 (OL A) 80/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — TORREJON AB SP STATION NAME — [illegible] YEARS — [illegible] MONTH

PAGE [illegible] — [illegible] HOURS

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
103																.1						
101													.1							1		
99									.4	.1	.3	.3	.4							15		
97								.1	.5	.1	.4	.5								13		
95							.1	.4	.7	.7	.5	.4	.1									
93						.1	.7	1.0	1.9	1.1	.7	.4								43		
91				.1		.5	1.2	2.[illegible]	1.9	.5	1.0									75		
89				.4		1.7	2.0	2.3	3.2	1.7	.5									79		
87			.4	.4	1.1	1.3	1.7	2.5	2.[illegible]	1.0	.4									57		
85			.1	.2	1.[illegible]	1.8	3.[illegible]	1.8	.5	.2										50		
83		.2	1.2	.8	1.4	2.2	3.1	1.7	1.[illegible]	.1										1[illegible]	1[illegible]	[illegible]
81		1.1	1.2	.5	1.2	4.1	3.[illegible]	2.3	.5											115	115	35	9
79		.4	1.4	1.3	.2	3.7	1.9	.5	.1											1	1	[illegible]	11
77			1.2	.4	1.[illegible]	.7	.6													32	32	11[illegible]	[illegible]
75		.5	.4	.5	1.[illegible]	1.[illegible]	.2	.1												34	34	[illegible]	4[illegible]
73		.1	.1	.5	.7	.1	.1													14	14	14[illegible]	4[illegible]
71		.2	.1	.4	.2	.1														[illegible]	[illegible]	1[illegible]	[illegible]
69			.1																	1	1	3	[illegible]
67			.1																	[illegible]	1	[illegible]	[illegible]
65																						[illegible]	7[illegible]
63																						[illegible]	16
61																						[illegible]	[illegible]
59																							[illegible]
57																							[illegible]
55																							31
53																							33
51																							[illegible]
49																							9
47																							[illegible]
45																							[illegible]
43																							[illegible]
41																							[illegible]
39																							[illegible]
37																							[illegible]
35																							[illegible]
33																							[illegible]
31																							[illegible]
29																							[illegible]
27																							[illegible]
25																							[illegible]
TOTAL		2.5	5.3	5.7	9.2	17.6	17.8	15.5	12.7	5.9	4.2	1.7	.6	.1		.1				[illegible]			[illegible]
																		837			837		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	2245[illegible]	41322	49.4	15.642	837							
Dry Bulb	3[illegible]	56543	67.6	6.108	837			49.4	23.[illegible]	2.7		[illegible]
Wet Bulb	264774	46956	56.1	4.309	837			.1				[illegible]
Dew Point	18625[illegible]	39[illegible]46	45.6	7.211	837		1.3					[illegible]

USAFETAC FORM AM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] TURRQUUN AB [illegible]
STATION STATION NAME YEARS

WET BULB TEMPERATURE DEPRESSION F

Temp F	0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥31	TOTAL D B	TOTAL W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
[illegible]																				937	937	937

Element X	Σx²	Σx	x̄	σx	No. Obs	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	[illegible]	[illegible]	59.1	14.6[illegible]2	[illegible]							
Dry Bulb	[illegible]	[illegible]	61.[illegible]	5.603	937			14.6	2.9	.[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	57.7	4.546	937							[illegible]
Dew Point	1[illegible]562[illegible]2	[illegible]	46.6	6.5[illegible]3	[illegible]		1.[illegible]					[illegible]

USAFETAC 0 265

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 72-81 MONTH: [illegible]

PAGE [illegible] [illegible]

Temp F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
[illegible]																					.1												1	1		
[illegible]													.1																				1	1		
[illegible]													.4		.2		.2																7	7		
[illegible]									.1		.5		.5		.2		.8		.1														[illegible]	[illegible]		
[illegible]							.1		.1		.1	1.5			.4		.5		.4														[illegible]	[illegible]		
[illegible]					.1			1.1	2.0		1.2	1.9	1.1																			[illegible]	[illegible]		
[illegible]							.4	1.2	1.7		.5		.5																				[illegible]	[illegible]	1	
[illegible]					.2		.7	2.4	1.9		3.5		.5		.2																		[illegible]	[illegible]	3	
[illegible]			1.2	1.2	4.3		4.5	5.3	3.7		.4																						174	174	1[illegible]	.
[illegible]			1.1	1.6	2.7		3.2	4.1	1.5		.2																						122	122	53	7
[illegible]			.5	1.4	1.9		4.[illegible]		.5		1.2		.2																				[illegible]	[illegible]	[illegible]	2[illegible]
[illegible]			1.3	1.7	2.9		1.5	1.2																									74	74	117	33
[illegible]			1.3	.5	1.7		1.7	.5																									55	5[illegible]	141	4[illegible]
[illegible]			.6	.2	2.1		1.1	.4																									35	35	133	31
[illegible]			.5	.3	1.2		.3																										24	24	174	7[illegible]
[illegible]				.3	.3		.2																										13	13	75	3[illegible]
[illegible]			.1	.1																													5	5	[illegible]	[illegible]
[illegible]			.3				.1																										5	5	1[illegible]	1[illegible]2
[illegible]																																			11	1[illegible]5
[illegible]																																			1	[illegible]
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]			7.1	7.2	17.3	22.7	16.3	14.5	4.5	3.2	.5	.1																						537		537
																																	537		537	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	[illegible]	[illegible]	[illegible]	[illegible]	537							
Dry Bulb	32[illegible]	[illegible]	[illegible]	5.730	537			17.7	3.2	.1		[illegible]
Wet Bulb	247[illegible]	45356	54.2	4.458	537			.1				[illegible]
Dew Point	1,265,5	39851	47.6	5.942	537		.1					[illegible]

USAFETAC FORM 0 26 5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
[illegible] DERVALL/AFB

PSYCHROMETRIC SUMMARY

STATION: TORREJON AB SP | STATION NAME: [illegible] | YEARS: [illegible] | PERIOD: [illegible]

Temp °F	0	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																			.1		1	1		
[illegible]																	.1				1	1		
[illegible]																.1	.1				2			
[illegible]													.1	.2	.1	.7	.5				1	2		
[illegible]													.1	.2	.4	.2					16	18		
[illegible]										.2	.1	.7	1.9	1.2	.5	.2	.2				41	41		
[illegible]										.7	1.2	4.5	7.1	2.5	.2						1 [illegible]	[illegible]		
[illegible]									.1	1.1	3.7	1.9	2.4	.1							74	74		
[illegible]								.1	1.1	3.2	3.5	2.2	1.1	.1							42	42		
[illegible]							.1	.5	2.5	3.2	4.5	1.6	.1								1 [illegible]	[illegible]		
[illegible]							.1	1.2	4.1	2.7	1.4	.5									45	45		
[illegible]						.2	.1	1.1	2.7	1.7	3.3	.4	.1								22	22		
[illegible]				.1	.5	1.1	1.4	2.1	1.4	.5											[illegible]	[illegible]		
[illegible]					.2	.1	.4	1.1	.2	.5											71	31	26	
[illegible]				.1	.1	.1	.4	1.2	1.2	.2											41	41	24	
[illegible]		.1	.1	1.1	.1	1.4	.7	1.													44	44	154	5
[illegible]		.1	.2		.1	.7	.5														13	13	133	14
[illegible]			.1	.1			.														[illegible]	[illegible]	156	24
[illegible]																							175	51
[illegible]																							51	71
[illegible]																							73	1[illegible]
[illegible]																							[illegible]	[illegible]
[illegible]																							[illegible]	6
[illegible]																								1[illegible]
[illegible]																								1[illegible]
[illegible]																								[illegible]
[illegible]																								5[illegible]
[illegible]																								23
[illegible]																								[illegible]
[illegible]																								[illegible]
[illegible]																								1
[illegible]		.1	1.2	.1	4.4	7.3	1[illegible]	[illegible]	[illegible]	[illegible]	12.1	[illegible]	5.1	2.5	1.[illegible]			.1			[illegible]	[illegible]	837	
																					537		537	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: <0 F	<32 F	<67 F	<73 F	<80 F	<93 F	Total
Rel Hum	[illegible]	[illegible]	[illegible]	[illegible]	837							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	837			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	537			[illegible]				[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	537							[illegible]

USAFETAC FORM 0 26 5 (OL A) JUL 64 REPLACES PREVIOUS EDITIONS OF THIS FORM AND AFCCB-BULLETIN

PSYCHROMETRIC SUMMARY

[illegible]
YEARS
MONTH
PART 1 12[illegible]-14[illegible] HOURS

Temp °F	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																[illegible]	1	1		
[illegible]															.2	[illegible]	[illegible]	[illegible]		
[illegible]															[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]													.4	[illegible]	1.2	[illegible]	[illegible]	[illegible]		
[illegible]											[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	[illegible]	[illegible]		
[illegible]											[illegible]	1.2	[illegible]	2.5	.7		[illegible]	[illegible]		
[illegible]									[illegible]	.1	[illegible]	[illegible]	2.7	2.6	[illegible]		79	[illegible]		
[illegible]									[illegible]	.5	2.2	[illegible]	[illegible]	1.1	.2		[illegible]	[illegible]		
[illegible]								[illegible]	.1	[illegible]	[illegible]	1.7	[illegible]	[illegible]			[illegible]	[illegible]		
[illegible]								.4	[illegible]	[illegible]	2.5	[illegible]	.4	.1			[illegible]	[illegible]		
[illegible]							[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	.1	.1			117	[illegible]		
[illegible]						[illegible]	1.3	[illegible]	1.3	2.5	.5	.1	.1				[illegible]	[illegible]		
[illegible]					.1	[illegible]	[illegible]	[illegible]	1.7	[illegible]	[illegible]						43	[illegible]		
[illegible]					[illegible]	[illegible]	.2	2.4	1.2	1.1		.1					[illegible]	46		
[illegible]			[illegible]	[illegible]		[illegible]	.2	1.4	.4								[illegible]	[illegible]		
[illegible]			.1	[illegible]	.2	[illegible]	.1	.7	1.1	[illegible]							[illegible]	[illegible]	[illegible]	
[illegible]		.1	[illegible]	[illegible]	.1	.1	.2	[illegible]	.5								[illegible]	[illegible]	[illegible]	
[illegible]		.1		[illegible]		[illegible]		.1									7	7	[illegible]	
[illegible]		[illegible]	.1		.1	.2	.1										[illegible]	5	[illegible]	
[illegible]					[illegible]												[illegible]	[illegible]	217	[illegible]
[illegible]	[illegible]																		[illegible]	14
[illegible]																			[illegible]	[illegible]
[illegible]																			[illegible]	27
[illegible]																			[illegible]	[illegible]
[illegible]																			[illegible]	73
[illegible]																			[illegible]	[illegible]
[illegible]																				[illegible]
[illegible]																				[illegible]
[illegible]																				[illegible]
[illegible]																				[illegible]
[illegible]																				[illegible]
[illegible]																				47
[illegible]																				[illegible]
[illegible]																				[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] ATH [illegible]/MAC

PSYCHROMETRIC SUMMARY

[illegible] 73-81 YEARS [illegible]

[illegible] 1400-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet B.	Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	2.7	3.3	9.8	11.7	14.7	14.7	14.1	11.7	8.3	10.5	11.7	[illegible]	5.1	3.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	837	837	[illegible]	8.7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	[illegible]7530	75+05	3[illegible].4	11.123	837							
Dry Bulb	[illegible]25565	70147	8[illegible].3	7.403	837			91.9	55.[illegible]	68.4	12.7	[illegible]3
Wet Bulb	33[illegible]565	52491	6[illegible].7	3.641	837			1[illegible].4				[illegible]3
Dew Point	1[illegible]6235[illegible]1	4[illegible]214	48.[illegible]	6.320	837		.4					[illegible]3

USAFETAC FORM JUL 64 0-26 5 (OL A) REPLACES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE

USAFETAC FORM 0-265 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — TOKRIDUN AB SP STATION NAME — 73-81 YEARS — JUL MONTH

PAGE 1 — 1500-1700 HOURS

Temp F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]																																.1	1		1		
[illegible]																																1.7	14.		14.		
[illegible]																																5.[illegible]	49		49		
[illegible]																															.5	4.8	45.		45		
[illegible]																											.4	1.5	3.7	3.9			79		79		
[illegible]																									.1	1.2	2.5	2.9	1.1				85.		85.		
[illegible]																							.1	1.0	1.3	3.1	1.9	.7					67		67		
[illegible]																					.4	.5	2.5	5.9	3.9	2.2	.2						129.		129.		
[illegible]																			.1		.1	.5	2.7	4.4	1.4								85		85		
[illegible]																			.1		.1	.5	1.3	1.4		.2							31.		31.		
[illegible]																	.4		.2	1.4		1.4	1.4		.5		.2						53		53		
[illegible]																	.1		1.2	1.4		4.9	1.2		.2								74.		74.		
[illegible]															.5		.7		.7	1.9		1.1		.1		.2							44		44		
7 [illegible]											.1		.1		.1				.5	1.1		.7											27.		27.		
[illegible]													.1		.2		.6		.5		.6	.2											19		19		
[illegible]									.[illegible]		.1		.2			1.1			.4		.4												[illegible]		[illegible]		
[illegible]											.2		.5		.2		.4		.4														15		15	2	
[illegible]							.1		.[illegible]		.4				.4		.4																14.		14.	14.	
[illegible]					.1				.1																								2		2	89	
[illegible]									.1																								1.		1.	173	
[illegible]			.1		.1						.1																						3		3	272	
[illegible]																																				154	5
[illegible]																																				1[illegible]5	11
[illegible]																																				45	21
[illegible]																																				23	15
[illegible]																																				12	42
[illegible]																																					38
[illegible]																																					44
[illegible]																																					45
[illegible]																																					249
[illegible]																																					115
[illegible]																																					58
[illegible]																																					7[illegible]
[illegible]																																					34

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

[illegible] CLIMATOLOGY BRANCH
[illegible] AFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] TORREJON AB SP — STATION / STATION NAME — 73-81 — YEARS — [illegible] — MONTH

PAGE [illegible] — 1500-1700 HOURS

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]		.1	.2	.1	1.0	1.0	1.0	1.4	3.6	4.2	7.4	10.6	10.2	15.7	13.5	11.1	18.3		837		837	
																		837		837		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	[illegible]	[illegible]	24.2	10.233	837							
Dry Bulb	[illegible]	73557	67.9	7.775	837			[illegible]	69.1	79.4	[illegible]	93
Wet Bulb	3325[illegible]	52692	63.0	3.227	837			11.7				[illegible]
Dew Point	173[illegible]	37561	45.2	5.683	837		1.1					93

USAFETAC FORM 0265 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — [illegible] MONTH

PAGE [illegible] — [illegible] HOURS

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																	.4	3	7		
[illegible]																	1.[illegible]	25.	25.		
[illegible]																.5	2.4	25	4		
[illegible]														.2	.1.	2.5.	3.5.	54.	54.		
[illegible]													.1	.5	1.9	3.[illegible]	2.7	72	72		
[illegible]												.1.	1.2.	1.3.	3.1.	1.9.	.5.	71.	71.		
[illegible]												.5	1.0	5.3	3.9	1.5	.2	1[illegible]5	1[illegible]5		
[illegible]											.2.	1.7.	2.5.	4.1.	2.4.	.5.		95.	95.		
[illegible]											.7	1.2	2.4	1.2	.7			[illegible]	[illegible]		
[illegible]										.5.	1.5.	1.4.	2.3.	1.3.	.5.			53.	53.		
[illegible]										1.2	2.3	4.4	1.9	.5				57	57		
[illegible]								.1.	.7.	1.1.	1.5.	1.1.	.2.	.4.				43	43		
[illegible]						.2	.4	.1	.5	.4	1.1	.5	.1					28	28		
[illegible]					.2	.1.	.2		.3	1.2	.5.	.2.						28	28.		
[illegible]					.1		.5	.5	.4	.2	.5							15	18		
[illegible]				.1.	.1	.7	1.1.	.2.	.4.	.5.	.4.							29.	29.		
[illegible]					.2	.5	.5	.2	.4	.1								17	17	4	
[illegible]			.1	.1	.2	.1			.1.									5.	5.	45.	
[illegible]			.1	.4	.1		.1	.1										7	7	171	
[illegible]				.1	.5													5.	5.	22[illegible]	
[illegible]	.1			.1														2	2	143	8
[illegible]			.2															2.	2.	116	7
[illegible]																				57	17
[illegible]																				29.	32
[illegible]																				17	34
[illegible]																				2	54
[illegible]																					37
[illegible]																					89
[illegible]																					154
[illegible]																					120
[illegible]																					97
[illegible]																					81
[illegible]																					37
[illegible]																					37

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81 MONTH: JUL

PAGE [illegible] HOURS: 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
3 / [illegible]																					19
/ [illegible]																					9
/ [illegible]																					3
/ [illegible]																					5
T [illegible]	.[illegible]		.5	.8	1.4	1.7	2.9	1.3	3.2	6.1	8.5	11.4	11.[illegible]	15.2	12.7	1[illegible]	13.5		[illegible]		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	983643	21121	25.2	12.235	837							
Dry Bulb	2225561	71977	85.9	7.975	837			≥1.2	55.6	74.7	[illegible]	93
Wet Bulb	3237676	51998	62.1	3.234	837			[illegible].5				93
Dew Point	1713067	37516	44.8	6.136	837		1.0					93

USAFETAC FORM 0265 (OLA) JUL 64 REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — TUCRLBUN AB SP STATION NAME — 73-81 YEARS — [illegible] MONTH

PAGE [illegible] — 21[illegible]-23[illegible] HOURS

Temp °F	0	1-2	3	4	5-6	7-8	9-10	11-12	13	14	15-16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																										.1	1		1		
[illegible]																							.1				1		1		
[illegible]																					.		.1				3		3		
[illegible]															.4		.4		.5	1.2			.2		.1		24		24		
[illegible]																			.5	.5							9		9		
[illegible]													.5	1.3	1.2		1.3			.8		.1					42		42		
[illegible]											.5	3.2	2.9	3.9	[illegible].4					.5							1[illegible]4		1[illegible]4		
[illegible]									.2	1.7	1.7	3.5	2.4		.8					.2							92		92		
[illegible]								.3	1.4	1.5	3.3	2.3	1.9		.2												96		96		
[illegible]								.2	1.4	2.7	2.5	1.7		.8	.4												56		56		
[illegible]					.1	[illegible]	.4	1.[illegible]	1.8	2.5	1.5	1.5		.1													83		83		
[illegible]					.2	[illegible]	1.2	1.2	1.1	2.7	1.7		.5	.1													77		77		
[illegible]				.1	.4	[illegible]	.5	1.7	2.5	1.7	1.3		.4														[illegible]		[illegible]		
[illegible]				.1	.2	.4	.1	.2	.5	.7		.1															21		21	7	
[illegible]				.7	.8	.8	.4	1.5	.7	.6		.1															48		48	35	
[illegible]		.2	.6	.7	.2	.6	1.6	1.3		.6																	51		51	37	2
[illegible]		.3	.4	.5	.1	.2	.5																				19		19	135	7
[illegible]		.1			.2	.2	.2																				5		5	173	15
[illegible]			.3		.3	.1																					4		4	135	45
[illegible]			.1																								1		1	122	53
[illegible]																														73	45
[illegible]					.1																						1		1	42	51
[illegible]																														15	[illegible]
[illegible]																														3	78
[illegible]																														1	115
[illegible]																															135
[illegible]																															51
[illegible]																															76
[illegible]																															49
[illegible]																															32
[illegible]																															14
[illegible]																															5
[illegible]																															4
[illegible]																															7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 73-81 YEARS | JUL MONTH

PAGE [illegible] HOURS [illegible]

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.3	.3	3.5	3.5	3.8	8.6	11.2	15.5	15.2	14.5	13.5	6.3	3.5	.6	.1	.1	[illegible]	[illegible]	[illegible]	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	1337645	71549	37.9	14.537	837							
Dry Bulb	4715558	62502	74.7	6.793	837			72.6	39.9	25.1	.1	93
Wet Bulb	2571368	48914	58.4	3.921	837			.9				93
Dew Point	1733438	36192	45.6	6.982	837		2.4					93

USAFETAC FORM 0265 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]27[illegible] STATION TORREJON AB SP STATION NAME 73-81 YEARS

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL W.B.	TOTAL D.P.
[illegible]/1[illegible]																	.	1	[illegible]		
[illegible]2/1[illegible]1																	.[illegible]	1[illegible]	[illegible]		
[illegible]/ [illegible]9																.[illegible]	1.2	[illegible]4	[illegible]		
[illegible]/ [illegible]7																.2	1.1	[illegible]3	[illegible]		
/ [illegible]														.[illegible]	.7	.9	1.[illegible]	1[illegible]2	[illegible]		
/ 8[illegible]												.[illegible]	.1	.4	.9	.9	.[illegible]	1[illegible]3	1[illegible]		
/ [illegible]												.1	.4	.5	1.1	.6	.2	1[illegible]	[illegible]		
[illegible]/ 8[illegible]										.[illegible]	.1	.4	.6	1.3	1.3	.5	.1	323	323		
[illegible]/ [illegible]7										.1	.2	.7	1.1	1.7	.7	.1		3[illegible]7	[illegible]		
[illegible]/ [illegible]									.[illegible]	.[illegible]	.3	.5	.9	.[illegible]	.2			1[illegible]4	1[illegible]4		
[illegible]/ [illegible]								.	.1	.3	1.2	1.0	1.0	.4	.1			[illegible]	[illegible]		
[illegible]/ [illegible]								.1	.4	1.7	1.8	2.5	.6	.2	.[illegible]			5[illegible]3	[illegible]		
/ [illegible]							.[illegible]	.4	1.1	.9	1.6	.7	.2	.1				[illegible]36	[illegible]		
7 / 77						.1	.4	.7	1.0	1.1	1.0	.5	.1					323	323		
/ [illegible]					.[illegible]	.2	.5	.8	1.7	1.3	.5	.2	.1					34[illegible]	[illegible]4[illegible]		
4/ 7[illegible]				.1	.2	.4	1.1	1.1	1.2	.6	.4	.[illegible]						33[illegible]	[illegible]3[illegible]		
/ [illegible]				.[illegible]	.2	.7	1.4	.6	1.4	.3	.3	.[illegible]						3[illegible]	[illegible]8	[illegible]	
/ [illegible]			.1	.[illegible]	.7	1.0	1.0	1.3	1.0	.3	.1							353	353	[illegible]7	
[illegible]/ 57			.1	.1	.[illegible]	.7	.9	.5	.3	.0								227	[illegible]27	2[illegible]	
[illegible]/ [illegible]		.[illegible]	.4	.4	1.[illegible]	.9	1.6	.6	.[illegible]	.2								372	372	513	
[illegible]/ [illegible]		.6	.6	1.3	1.[illegible]	2.1	1.7	.8	.2									5[illegible]2	[illegible]2	[illegible]75	17
[illegible]/ [illegible]	.	.3	.7	.8	.9	1.7	.8	.1	.[illegible]									352	352	[illegible]	72
/ [illegible]		.1	.7	.5	1.[illegible]	.3	.4	.1	.[illegible]									22[illegible]	[illegible]29	[illegible]15	171
/ [illegible]7		.3	.5	.9	.[illegible]	.5	.1	.[illegible]										1[illegible]1	1[illegible]1	774	2[illegible]1
[illegible]/ [illegible]		.4	.2	.7	.[illegible]	.[illegible]	.											133	133	541	3[illegible]7
/ 5[illegible]		.[illegible]	.1	.4	.4	.1	.											[illegible]1	51	544	5[illegible]2
/ [illegible]		.2	.1	.3	.1	.[illegible]												49	49	434	59[illegible]
/ [illegible]			.1	.[illegible]	.[illegible]													18	15	249	41[illegible]
/ 47		.[illegible]	.1	.[illegible]														10	10	141	7[illegible]4
[illegible]/ 4[illegible]		.1	.[illegible]	.[illegible]														9	9	76	11[illegible]5
4/ 4[illegible]																				[illegible]2	756
[illegible]/ 4[illegible]																				[illegible]	554
/ [illegible]																					455
/ 3[illegible]																					225

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH

[illegible]/MEC

PSYCHROMETRIC SUMMARY

[illegible] AB SP — STATION NAME

73-81 — YEARS

[illegible] — MONTH

PAGE [illegible] — HOURS ALL

WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31				
																																			100
																																			57
																																			27
																																			67
																																			2
																																			1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
																																55[illegible]6		55[illegible]5	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	137.5[illegible]7	2765[illegible]5	41.3	8.707	5695							
Dry Bulb	3[illegible]45[illegible]3	501177	74.[illegible]	11.556	5695			517.8	4[illegible]5.9	275.1	51.2	744
Wet Bulb	2336[illegible]676	393[illegible]8	5[illegible]	5.275	5695			35.2				744
Dew Point	14[illegible]727.4	31367[illegible]	46.5	6.456	5695		8.[illegible]					744

USAFETAC FORM AUG 64 0265 (OL-A)

USAFETAC FORM AM 64 0 26 5 (OL A) REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A.W. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: TUKREDUK AL SP (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 1 (PAGE) 0000-2400 (HOURS)

Temp (°F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 87																													.1				1	1		
-/ 82																					.1												1	1		
-/ 77																	.1		.1		.2		.1		.1								5	5		
-/ 72																	.1		.4		.1				.1								7	7		
/ 77															.1		.1		.4		1.3				.1								11	11		
7-/ 77											.1		.3		.5	1.3					.1		.1										23	23		
/ 72							.1		.4		.6	1.1	1.7	1.7		.7		.1															44	44		
-/ 72						.1		.1	.4	1.1	1.5	1.9	1.9	1.3		.5		.1															68	68		
/ 77						.2		.	1.6	1.1	3.1	3.6	1.6	1.2		.1																	105	105		
/ 67					.4	.1	1.1	2.3	1.2	3.1		.7	1.7		.1																		111	111		
/ 62					.1	.3	1.1	1.5	1.1	1.1	1.1	1.9		.1																			54	54	3	
-/ 57			.3	1.2	.5	1.1		2.5	2.7	1.1	1.7		.6																				103	103	22	
-/ 52			.4	1.3	2.	1.3		3.6	1.7	2.3		.4																					117	117	35	4
/ 47				.5	.6	.5		1.6	1.4	.4		.2																					46	46	46	12
/ 42	.1	.1	.3		.4	.1		1.2	.6	.1																							32	32	175	15
/ 37	.2	.4	.2		.3	1.		.7	.4																								23	23	131	45
-/ 35		.			.2	.1		.2																									12	12	144	52
-/ 32				.1	.4	.4																											7	7	94	42
/ 27					.4																												1	1	76	71
/ 42																																			7	42
/ 47																																			5	72
-/ 45																																			1	123
-/ 42																																				57
/ 37																																				53
-/ 27																																				47
/ 35																																				55
3-/ 33																																				43
/ 34																																				12
/ 27																																				15
/ 37																																				6
/ 32																																				6
-/ 25																																				2
/ 22																																				1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC METEOROLOGY BRANCH
GLOBAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] ADJ: [illegible]

PAGE [illegible]

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]	.4	1.[illegible]	[illegible]	.3	6.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.[illegible]	5.[illegible]	17.[illegible]	14.1	7.4	4.7	.7	.4			.1												837	[illegible]	[illegible]	[illegible]

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature: -0 F	-32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel. Hum.	[illegible]3155	4 713	4[illegible].5	15.575	837							
Dry Bulb	[illegible]1155	56[illegible]97	68.1	5.[illegible]74	837			[illegible]	19.[illegible]	2.[illegible]		[illegible]
Wet Bulb	25[illegible]2556	47226	5[illegible].4	4.644	837			.5				[illegible]
Dew Point	1[illegible]81529	39153	46.5	7.737	837		3.3					[illegible]

PSYCHROMETRIC SUMMARY

[illegible]

[illegible] STATION NAME [illegible] YEARS [illegible]

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																	.8				.1													-	-	
[illegible]															.2		.2																	2	2	
[illegible]													.7		.7																			7	7	
[illegible]									.1		.4		.7		.7		.8																	22	22	
[illegible]							.1		.1		.7	1.6			.7		.4		.4															17	17	
[illegible]							.2		.2	1.6	1.2				.5		.4				.1													42	42	
[illegible]					.1		.1	1.1	1.2		1.2				.5		.5		.1															41	41	
[illegible]				1.2		.5	2.7		2.9		2.3				.7		.7		.4															74	74	4	
[illegible]			1.4	2.5	4.1	5.		5.5		7.7	7.5				.9		.9		.9															114	114	20	1
[illegible]				1.2	7.1	2.6		3.9		2.2					.1		.2																	122	122	56	11
[illegible]				.7	1.2	3.7		1.3		1.1					.1		.9																	74	74	[illegible]	11
[illegible]		.1	1.1	.2	3.2	1.7		2.2							.4																			81	81	111	41
[illegible]		.1	.7	.1	1.3	1.7		.7																										41	41	177	51
[illegible]			.1	.1	1.2	1.1				.1																								27	27	28	21
[illegible]					.7			.1																										11	11	1	55
[illegible]					.1																													1	1		47
[illegible]				.1	.2		.1																											4	4		77
[illegible]					.2																													2	2	34	1[illegible]
[illegible]																																				15	[illegible]
[illegible]																																				5	75
[illegible]																																				1	41
[illegible]																																					45
[illegible]																																					42
[illegible]																																					24
[illegible]																																					1
[illegible]																																					12
[illegible]																																					1
[illegible]	.2	.3	.5	.5	.6	.16	.2	.2	.9	.1	.5	.5	.7	.4	.3	1.1	.2																	355		355
																																	356		356	

Element X	Σx²	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature: 0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum.	[illegible]	[illegible]	5[illegible]	14.3[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	5.435	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]
Wet Bulb	[illegible]	45[illegible]	5[illegible]	4.[illegible]45	[illegible]							[illegible]
Dew Point	[illegible]	[illegible]	45.7	7.325	[illegible]		3.5					[illegible]

USAFETAC Form 0-265 (Old Form 0-1) Previous Editions Obsolete

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]	[illegible]	[illegible]		[illegible]
STATION	STATION NAME	YEARS		[illegible]

[illegible]

Temp. F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]								[illegible]										[illegible]		[illegible]		
[illegible]								[illegible]		.1								[illegible]		[illegible]		
[illegible]						.1	.	.5	.2									1.		1[illegible]		
[illegible]					.	[illegible]	1.2	[illegible]	.2	.4	.1							[illegible]		[illegible]		
[illegible]				.	.	1.1	1.	1.1	.5	.1								[illegible]		[illegible]		
[illegible]				.1	1.2	[illegible]	.	.4	.2									[illegible]		[illegible]		
[illegible]			.	[illegible]	[illegible]	2.2	1.4	.5	.2									.		[illegible]4		
[illegible]	[illegible]	.4	1.2	5.9	5.1	[illegible]	.3	[illegible]	.2	.1								[illegible]2		[illegible].2	[illegible]	[illegible]
[illegible]		.4	.5	3.[illegible]	7.[illegible]	4.2	[illegible]	.4	.4									1		1[illegible]	[illegible]	[illegible]
[illegible]		.4	.7	2.2	7.[illegible]	1.9	1.	.4										[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.	1.[illegible]	1.2	3.[illegible]	[illegible]	1.7	.4	.1										[illegible]		[illegible]	1[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	1.4	[illegible]	1.	[illegible]	.1										[illegible]		[illegible]	1[illegible]	[illegible]
[illegible]		.	.4	1.[illegible]	1.	.2	.4											3.4		3.4	1[illegible]4	[illegible]
[illegible]		[illegible]	.2	1.4	.		.1											2[illegible]		2[illegible]	1[illegible]	[illegible]
[illegible]			.	.4														[illegible]		[illegible]	7	[illegible]
[illegible]		[illegible]		[illegible]														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]			.4	[illegible]														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]			.																	[illegible]	[illegible]	[illegible]
[illegible]																					[illegible]	[illegible]
[illegible]																					[illegible]	[illegible]
[illegible]																					[illegible]	[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
[illegible]																						[illegible]
TOTAL	[illegible]	[illegible].7	[illegible]	[illegible].12	[illegible].11	[illegible].61	[illegible].1	5.3	2.[illegible]	.7	.1							[illegible]	[illegible]	[illegible]7	[illegible]	[illegible]7

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	[illegible]	[illegible]	[illegible].4	13.775	[illegible]37							
Dry Bulb	[illegible]	[illegible]1426	51.[illegible]	5.272	[illegible]37			1[illegible].2	1.[illegible]			[illegible]
Wet Bulb	[illegible]	[illegible]	53.7	4.[illegible]57	[illegible]37							[illegible]
Dew Point	[illegible]	[illegible]92[illegible]9	47.[illegible]	6.729	[illegible]37		2.[illegible]					[illegible]

USAFETAC FORM 0-26-5 (OL A)

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]27 [illegible] AB [illegible]
STATION STATION NAME

[illegible]-81
YEARS

A[illegible]
MONTH

PAGE 1 [illegible]

TEMP. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]													.1	.1	.1			[illegible]	[illegible]		
[illegible]												.1		.1	.1			3	3		
[illegible]												.2	.1	.2		.1		[illegible]	[illegible]		
[illegible]											.2	.2						4	4		
[illegible]								.1	.1	1.2	1.7	.5	.2					33	33		
[illegible]								.3	2.3	4.4	1.5	.5	.4	.2				84	84		
[illegible]							.	1.[illegible]	4.1	2.2	1.7	.5						91	91		
[illegible]						.4	1.3	3.5	2.3	1.5	.5	.2						83	83		
[illegible]					.	1.7	[illegible]	2.7	4.9	.7	.4							1[illegible]	1[illegible]		
[illegible]					.2	1.1	3.2	3.3	1.2	.5	.1							67	59		
[illegible]				.1	1.[illegible]	2.5	[illegible]	2.3	2.5	.4								99	99		
[illegible]				.1	1.[illegible]	2.5	[illegible]	1.4	1.2	.2								77	77	[illegible]	
[illegible]			.[illegible]	.1	1.1	.7	.[illegible]	1.1	.2									[illegible]	[illegible]	[illegible]	
[illegible]			.3	.4	1.3	1.5	1.7	.3	.1									51	51	114	
[illegible]			.[illegible]	1.4	.[illegible]	[illegible].7	1.7	.2										56	56	144	1
[illegible]			.[illegible]	.2	.	.7	.4											17	19	145	22
[illegible]		.4	.1	.1	.1	.4												9	9	172	43
[illegible]		.1		.1	.1													3	3	77	54
[illegible]																				7[illegible]	127
[illegible]																				42	57
[illegible]																				[illegible]	104
[illegible]																				5	21
[illegible]																					[illegible]
[illegible]																					73
[illegible]																					4
[illegible]																					32
[illegible]																					[illegible]
[illegible]																					7
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					1
[illegible]		.3	2.2	2.[illegible]	7.4	14.1	15.4	17.4	18.4	11.2	3.5	3.1	.3	.7	.2	.1		837	837	837	837

Element x	Σx²	Σx	x̄	σx	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1[illegible]2[illegible]3[illegible]	35793	4[illegible].3	12.537	837							
Dry Bulb	45[illegible]594[illegible]	[illegible]1734	73.8	6.534	837			77.7	54.8	14.[illegible]		[illegible]3
Wet Bulb	[illegible]	[illegible]5[illegible]9	6[illegible].9	3.936	837			[illegible].9				[illegible]3
Dew Point	22[illegible]1551	42652	51.[illegible]	5.721	837		.1					[illegible]

USAFETAC FORM JUL 64 0 26 5 (OL A)

[illegible] METEOROLOGY BRANCH
USFETAC
[illegible] WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

[illegible] THROUGH [illegible] 73-81 YEARS

STATION STATION NAME

PAGE 1 [illegible]-14[illegible] HOURS

Temp F	0	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																		.1	.4	4		4		
[illegible]																	.2	.5	.6	11		11		
[illegible]																.2	.7	1.[illegible]	.4	19		19		
[illegible]														.2	.5	.5	1.[illegible]	.4	.5	28		28		
[illegible]													.2	.5	2.2	1.7	1.3	.2		53		53		
[illegible]												.1	.4	2.2	2.5	3.5	1.7	1.[illegible]		57		57		
[illegible]												.7	1.3	3.8	1.8	1.5	.2	.1		79		79		
[illegible]											.1	.2	1.6	.7	1.6	.7	.2			45		45		
[illegible]										.4	.7	2.6	3.6	2.7	2.5	.5	.4			116		116		
[illegible]									.1	1.7	2.4	4.2	4.5	2.7	.7	.1				139		139		
[illegible]									.	1.2	2.3	1.4	2.2	.4						54		54		
[illegible]							.4	.5	.5	1.3	1.1	.5			.1					43		43		
[illegible]							.1	.1	.5	1.7	1.7	1.2	.8	.2						48		48		
[illegible]							.1	.1	1.[illegible]	.5	1.6	.4								37		37		
[illegible]							.1	.1	.5	.4	1.1	1.0	.1							27		27	4	
[illegible]					.1	.1	.2	.2	.2	.4	.7									17		17	77	
[illegible]							.1			.4	.2									5		5	1[illegible]5	
[illegible]					.1	.2	.1			.4										5		5	1[illegible]2	
[illegible]			.1	.2																4		4	1[illegible]4	4
[illegible]					.1															1		1	1[illegible]1	[illegible]
[illegible]																							77	[illegible]
[illegible]																							45	45
[illegible]																							29	7
[illegible]																							1[illegible]	1[illegible]7
[illegible]																							4	1[illegible]2
[illegible]																								85
[illegible]																								71
[illegible]																								123
[illegible]																								57
[illegible]																								47
[illegible]																								[illegible]
[illegible]																								14
[illegible]																								7
[illegible]																								3

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 73-81 YEARS | [illegible] MONTH

[illegible] | 1600-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																																				[illegible]
[illegible]																																				[illegible]
[illegible]			.2	.7	.4	.5	1.7	3.[illegible]	7.8	11.5	12.6	16.0	13.5	12.0	9.5	5.[illegible]	7.2	1.5															836	[illegible]	836	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	1[illegible]72[illegible]	27[illegible]	32.[illegible]	10.987	836							
Dry Bulb	5315354	69486	83.1	6.910	836			91.6	36.7	6[illegible].2	6.9	≥3
Wet Bulb	3354[illegible]54	52870	63.2	3.690	836			18.8				≥3
Dew Point	2150130	41572	49.7	6.274	836		.6					≥3

USAFETAC FORM 0-26-5 (OL-A) [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible] FETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	73-81	AUG

PAGE 1 — HOURS 1500-1700

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																	.4	3		3		
[illegible]																	.1	1		1		
[illegible]																	.7	5		5		
[illegible]																.7	2.4	25		25		
[illegible]															.4	1.1	3.8	44		44		
[illegible]													.2	.4	2.5	1.9	2.5	54		54		
[illegible]												.4	.5	1.3	2.5	3.3	.5	73		73		
[illegible]										.1			1.3	2.5	5.4	1.7	1.1	1.5		1.5		
[illegible]											.1	1.1	3.2	5.6	3.5	1.5	.1	125		125		
[illegible]											.2	2.2	2.5	3.3	1.6	.4		55		55		
[illegible]											1.1	1.1	.5	1.2	.5			39		39		
[illegible]									.1	.7	1.3	2.3	1.5	.5				52		52		
[illegible]								.1	.5	2.5	2.4	3.1	1.3					53		53		
[illegible]								.1	.4	.2	.8	.5	.4					21		21		
[illegible]						.1	.4	.4	1.1	.5	.5	.5	.2					33		33		
[illegible]					.4	.1	.2	.2	.2	.7	.7							22		22		
[illegible]						.1	.4	.2	.2	1.3	.5	.1						26		26	1	
[illegible]					.4	.4	.5	.1		.5								14		14	5	
[illegible]			.1	.1		.2			.1	.1								5		5	[illegible]	
[illegible]				.1	.1	.1												3		3	[illegible]	
[illegible]			.1			.1												2		2	174	1
[illegible]			.2		.1													3		3	239	3
[illegible]																					141	4
[illegible]																					79	15
[illegible]																					34	12
[illegible]																					12	42
[illegible]																					6	62
[illegible]																					1	74
[illegible]																						54
[illegible]																						103
[illegible]																						151
[illegible]																						59
[illegible]																						78
[illegible]																						45

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0265 (OL-A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]/[illegible] STATION | [illegible] AB SP STATION NAME | 73-81 YEARS | AUG MONTH

PAGE [illegible] | 1500-1700 HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ [illegible]																																				34
/ 3[illegible]																																				30
/ 33																																				14
/ 31																																				5
/ [illegible]																																				1
[illegible]					.5	.2	.5	1.2	1.7	1.2	2.5	5.7	7.3	11.4	11.5	15.3	16.5	12.5	11.8														537		537

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	53[illegible]3	21291	25.4	10.449	837							
Dry Bulb	5464279	73301	87.6	7.327	837			92.4	89.9	79.8	24.1	93
Wet Bulb	33663[illegible]3	53[illegible]7	63.3	3.350	837			14.6	.1			93
Dew Point	1532953	38825	46.4	6.192	837		.3					93

USAFETAC FORM 0265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
4 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — ISHREJUN AB SP STATION NAME — 73-81 YEARS — AUG MONTH

PAGE 1 — 19 JUL-1982 DATE

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
1																	.1	1	1		
2																	.1	1	1		
1																.1	1.1	1	1		
1															.6		1.7	17	17		
1													.1	.1	.6	1.2	2.9	43	43		
1														1.1	2.0	2.3	1.3	56	56		
1										.1		.1	.7	1.6	4.5	1.1	1.2	79	79		
1	5									.1		.4	1.7	4.5	3.5	1.4	.5	1[illegible]1	1[illegible]1		
4	7										.7	1.5	3.1	4.3	2.7	.6	.1	1[illegible]6	1[illegible]6		
5											.1	.5	2.4	1.2	.9	.1		44	44		
4										.6	2.3	2.9	2.4	1.2	.4			51	51		
1						.1		.1	.2	2.7	2.4	3.0	2.5	1.0	.1			1[illegible]2	1[illegible]2		
1						.1		.4	1.2	.6	1.1	.7	.5					37	37		
1	7							.1	1.1	.7	1.3	.4	.1					31	31		
1					.1	.2	.5	.5	.8	.7	1.1	.2						34	34		
4					.1	.1	.5	.2	.5	.7	.2							27	27	1	
1				.1	.1	.6	.7	.1	.5	1.3	.1							[illegible]	33	3	
1	7				.1	.2	.1	.2	.5	.2								12	12	3	
1	57				.1			.1										2	2	44	1
1	55		.4	.1	.1			.1	.4									10	10	117	1
4	53			.1		.1	.1											3	3	256	9
1	1			.1														1	1	157	5
1	9			.5														4	4	110	9
1	7																			65	17
5 1	5																			37	62
4	5																			70	53
4	51																			3	53
1	47																			1	46
1	47																				50
1	45																				175
4	43																				76
1	41																				51
1	39																				57
1	37																				47

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — [illegible] AB SP STATION NAME — 73-81 YEARS — AUG MONTH

PAGE 2 — 1800-2000 HOURS

Temp (F)	0	1-2	3	4	5	6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
95																							≥3
93																							≥4
91																							1
89																							≥
87																							≥
85																							≥
TOTAL		.4	.[illegible]	.2	1.[illegible]	1.6	[illegible].3	1.9	5.1	7.3	8.8	10.2	17.1	15.2	15.3	6.8	9.[illegible]			837.	837	837.	837

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	[illegible]	[illegible]	47.9	12.473	837							
Dry Bulb	5[illegible]1152	71122	85.0	7.557	837			71.0	36.1	73.7	14.1	≥3
Wet Bulb	32277.4	51399	62.0	3.402	837			5.2	.1			≥3
Dew Point	1753177	37285	45.3	6.777	837		2.4	.1				≥3

USAFETAC FORM NO. 0265 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: TURPUJON AB SP YEARS: 73-81 MONTH: APR

PAGE 21[illegible]-22[illegible]

Temp F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ [illegible]																													.1			.1	2	[illegible]		
1/ 84																							.2			.1					.1	.1	5	5		
-1/ [illegible]7																							.1			.5							5	5		
1/ [illegible]																					.4		.1		.1	.2							7	7		
1/ [illegible]																			.4		1.0		.5		1.0	.4			.4				12	12		
1/ [illegible]													.1		.1		.2		2.2		2.0		3.1		1.7	.4							22	22		
1/ 7[illegible]													.1		.1		1.1		1.6		3.2		1.9		1.8	.1							[illegible]	[illegible]		
7 1/ [illegible]7											.1		.1		1.1		1.7		2.9		3.2		.7		.5	.1							22	22		
1/ 7[illegible]									.1		.2		1.0		2.0		2.3		3.6		3.1		.4		.5								114	114		
1/ [illegible]							.1		.1		.1		2.2		1.2		2.6		1.7		2.2		.1		.1								89	89		
1/ [illegible]							.4		.1		.6		1.0		1.4		2.5		2.3		1.1		.4										22	[illegible]		
1/ [illegible]					.1				1.1		1.2		.7		2.0		2.2		1.0		.5												75	75	[illegible]	
1/ 6[illegible]					.1		.1		.7		.5		.4		.7		.8		.1														33	33	1[illegible]	
1/ 5[illegible]			.1		.1		.5		1.1		.5		1.[illegible]		.5		1.1		.2														48	48	[illegible]	1
1/ [illegible]			.2		.1		.5		.2		.5		1.3		1.1		.1																41	41	69	[illegible]
1/ [illegible]			.1		.2		.4		.2		.7		.7		.1																		21	21	1[illegible]5	15
1/ [illegible]			.2		.6		.1				.2		.2																				12	12	14[illegible]	12
1/ [illegible]							.2				.2																						4	4	1[illegible]2	25
1/ [illegible]											.1																						1	1	135	46
1/ [illegible]																																			[illegible]2	54
1/ [illegible]																																			[illegible]5	75
1/ [illegible]																																			[illegible]1	35
1/ 47																																			5	56
1/ 4[illegible]																																			1	127
1/ 4[illegible]																																				58
1/ 4[illegible]																																				57
1/ [illegible]																																				53
1/ [illegible]																																				45
1/ 35																																				59
1/ 3[illegible]																																				21
1/ 3[illegible]																																				[illegible]
1/ [illegible]																																				11
1/ [illegible]																																				4
1/ 25																																				2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-81 MONTH: AUG

PAGE [illegible] HOURS: 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	[illegible]	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]		.7	.3	.5	4.2	5.7	9.9	10.8	14.8	15.8	16.5	8.2	5.5	1.8	.5	.1	.2																837	837	837

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1421717	72204	38.5	14.49	837							
Dry Bulb	4599503	61522	73.9	6.318	837			75.9	56.7	18.5		93
Wet Bulb	3030413	46605	55.1	4.77	837			1.4				93
Dew Point	1771246	37964	45.4	7.680	837		3.5					93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	TORREJON AB SP	73-81	ALL

RS/F [illegible] HOUR ALL

Temp °F	0	1-2	3-4	6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23	24-25	26-27	28-29	30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																			•	[illegible]	[illegible]		
[illegible]																			•	[illegible]	[illegible]		
[illegible]																			•	[illegible]	[illegible]		
[illegible]																		.1	•	[illegible]	[illegible]		
[illegible]																	.1	.2	•	[illegible]	[illegible]		
[illegible]															•	.1	.3	.5	.7	[illegible]	[illegible]		
[illegible]														.1	.1	.4	.7	.7	.3	[illegible]	[illegible]		
[illegible]											.1	.1	.1	.5	.4	1.5	1.	.5	.1	[illegible]	[illegible]		
[illegible]											.2	.1	.5	.4	1.5	1.5	.4	.1	•	[illegible]	[illegible]		
[illegible]											.2	.2	1.2	.4	1.5	.4	.1	•		[illegible]	[illegible]		
[illegible]									.2		.5	.5	.7	.5	.4	.2	•			14	14		
[illegible]								.1	.1		.7	1.2	1.2	1.3	.4	.1				32	32		
[illegible]						.2	.2	.3	.7		.3	1.6	1.6	.4	.3	•				47	47		
[illegible]						.1	.1	.5	1.2		.8	1.2	.5	.3	.1					311	311		
[illegible]						.1	.4	.4	1.2		.8	.5	.7	.1	.1					317	317		
[illegible]					.2	.3	.7	1.1	1.3	1.3	.9	.4	.2	.1						365	365		
[illegible]				.3	.2	.2	1.4	1.1	1.1		.7	.4	.7	.1						371	371	.2	
[illegible]				.1	.4	.9	1.5	1.1	1.3	1.3	.3	.3	.1							445	445	1.3	
[illegible]			.1	.1	.5	1.2	1.1	1.2	.7		.4	.1								373	373	.7	
[illegible]			.1	.1	.7	.7	.4	.7	.5		.1	.2								234	234	1.2	.1
[illegible]		.1	.5	.4	1.2	1.2	1.1	.5	.5		.1									365	365	.6	.1
[illegible]	•	.3	1.	1.7	1.5	2.3	1.3	.9	.3		•									[illegible]	[illegible]	.3	.1
[illegible]		.1	.4	1.	1.2	1.4	1.	.2	.1											361	361	.1	.1
[illegible]	•	.1	.7	.5	1.	.6	.4	.1	•											235	235	8.3	1.3
[illegible]	.1	.4	.2	1.	.5	.6	.2	.1												[illegible]	[illegible]	7.5	7.5
[illegible]	•	.2	.7	.4	.5	.3	.1	.1												111	111	7.4	4.3
[illegible]		.1	.1	.4	.3	.1	.1													56	56	4.5	5.7
[illegible]		•	•	.3	.2	•	•													35	35	4.5	6.7
[illegible]			•	.1																6	6	2.5	3.5
[illegible]		.1	•	.1	•															7	7	1.1	.5
[illegible]			.1	.1																7	7	7.3	1.72
[illegible]			•																	[illegible]	[illegible]	7.3	5.36
[illegible]																						1.	4.77
[illegible]																						1.	3.6

Element x	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

AFETAC FORM AUG 64 0265 (Use Air Weather Service Form 0-1 for Inch-Pound Units of Measure Only)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AB [illegible]	[illegible]	[illegible]

PAGE [illegible] HOURS [illegible]

Temp F	WET BULB TEMPERATURE DEPRESSION (F)	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]					[illegible]1
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					3[illegible]
[illegible]					[illegible]
[illegible]					3
[illegible]	. 1.3 3.7 5.3 [illegible] [illegible] [illegible] 5.[illegible] 9.[illegible] 7.[illegible] 7.4 5.[illegible] [illegible] 5.[illegible] 4.[illegible] [illegible] 2.[illegible]		55[illegible]		[illegible]5[illegible]4
		55[illegible]4		55[illegible]4	

Element (X)	Σx²	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	[illegible]	[illegible]	42.0	1[illegible].[illegible]69	55[illegible]4							
Dry Bulb	37[illegible]857[illegible]9	4[illegible]	74.5	11.3[illegible]2	55[illegible]4			[illegible]15.6	399.[illegible]	251.[illegible]	45.1	744
Wet Bulb	23[illegible]327	3[illegible]3	55.9	5.5[illegible]1	55[illegible]4			[illegible]4.5	.[illegible]			744
Dew Point	15[illegible]	315360	47.3	7.[illegible]95	55[illegible]4		17.3	.1				744

USAFETAC FORM JUL 64 0-26-5 (OL A)

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] TORREJON AB SP 73-81
STATION STATION NAME YEARS [illegible]
MONTH

PAGE 1 [illegible]
HOURS (L.S.T.)

Temp F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]							.1			.1									[illegible]		
[illegible]						.1	.1	.1	.4									[illegible]	[illegible]		
[illegible]							.4	.2	.1									[illegible]	[illegible]		
[illegible]					[illegible]	.6	.5	[illegible]	.4	.1								[illegible]	[illegible]		
[illegible]				[illegible]	.4	.7	1.4	1.2	.7	.4								[illegible]	43		
[illegible]			.	.2	[illegible]	1.	1.4	1.2	.9	.2								41	45		
[illegible]			.4		.7	1.2	.7	1.2	.2	.1								[illegible]	[illegible]	[illegible]	
[illegible]		.2	.7	.1	1.4	1.1	[illegible]	1.2	.5									57	57	17	
[illegible]	[illegible]	1.[illegible]	[illegible]	3.1	1.[illegible]	2.2	3.[illegible]	[illegible].1	.1									12[illegible]	12[illegible]	[illegible]	[illegible]
[illegible]	.4	1.1	.4	1.7	2.[illegible]	[illegible].7	[illegible]	.7	.1									111	111	45	[illegible]
[illegible]		1.[illegible]	1.1	1.6	[illegible]	1.1	[illegible].7	[illegible]	.4									[illegible]7	[illegible]7		[illegible]7
[illegible]	[illegible]	1.[illegible]	1.	[illegible].2	1.4	1.4	1.1											[illegible]	[illegible]3	[illegible]	[illegible]
[illegible]		.7	.5	2.4	[illegible]	1.[illegible]	.4	.2										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	.4	1.1	1.1	1.[illegible]	1.	.											43	43	[illegible]4	5[illegible]
[illegible]	[illegible]	.1	.4	1.1	1.	.4	[illegible]	.1										[illegible]	[illegible]	12[illegible]	[illegible]
[illegible]		.1	.2	[illegible]	[illegible]	.1	[illegible]											16	16	47	[illegible]4
[illegible]			[illegible]	.4	.	.1												1[illegible]	15	4[illegible]	5[illegible]
[illegible]			[illegible]	.4	[illegible]	.1												1[illegible]	1[illegible]	42	[illegible]7
[illegible]			[illegible]		.4													[illegible]	[illegible]	[illegible]	5[illegible]
[illegible]				[illegible]	.1													[illegible]	7	14	45
[illegible]																				1[illegible]	5[illegible]
[illegible]																				[illegible]	5[illegible]
[illegible]																				[illegible]	4
[illegible]																					[illegible]7
[illegible]																					[illegible]4
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					4
TOTAL	[illegible]	[illegible].5	[illegible].2	1[illegible].3	1[illegible].7	16.0	1[illegible]	9.7	3.5	1.[illegible]								[illegible]	[illegible]	[illegible]	[illegible]5
																		5 5		5 5	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	2[illegible]54[illegible]55	47[illegible]47	5[illegible].[illegible]	16.343	8[illegible]8							
Dry Bulb	[illegible]07[illegible]203	45551	61.3	6.6[illegible]1	838			15.7	4.7	.[illegible]		[illegible]
Wet Bulb	23[illegible]1[illegible]4	42[illegible]36	53.[illegible]	6.109	838			.2				[illegible]
Dew Point	1[illegible]37241	36[illegible]23	45.5	6.559	838		5.3					[illegible]

USAFETAC FORM 0-26-5 (OL A)
JUL 64

PSYCHROMETRIC SUMMARY

[illegible] CLIMATOLOGY BRANCH
[illegible]

[illegible] STATION [illegible] STATION NAME 73-81 YEARS [illegible]

[illegible] [illegible]

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0–2	3–5	6–8	9–11	12–14	15–17	18–20	21–23	24–26	27–29	30–32	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]						.4							[illegible]	[illegible]		
[illegible]				.1	.1								[illegible]	[illegible]		
[illegible]				.1	.2								[illegible]	[illegible]		
[illegible]			.4	.1	.1	.1							11	11		
[illegible]		.3		.2	.1	.2							1	1		
[illegible]		.4	.1	1.4	1.[illegible]	.3	.2						[illegible]	[illegible]		
[illegible]	1.4	1.5	3.5	3.7	2.1	3.[illegible]	.						1[illegible]1	1[illegible]1	1[illegible]	[illegible]
[illegible]	[illegible] 1.9	1.7	1.9	2.[illegible]	3.1	1.[illegible]	.2						13[illegible]	13[illegible]	3[illegible]	15[illegible]
[illegible]	1.1	.4	.5	4.1	2.5	1.							73	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] .7	2.[illegible]	4.4	[illegible].7	2.[illegible]	.7							125	1[illegible]5	7[illegible]	[illegible]
[illegible]	. 2.1	2.2	4.	1.[illegible]	1.3	.							76	[illegible]	[illegible]	[illegible]
[illegible]	1.1	2.[illegible]	2.5	2.[illegible]	.5	.1							75	75	5[illegible]	[illegible]
[illegible]	[illegible].2	.7	.3	.2	1.7	.3							[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	.5	.4	.4	.	.1	.1							14	14	1[illegible]	[illegible]
[illegible]	.7	[illegible]	1.2	1.[illegible]	.1								[illegible]	[illegible]	7[illegible]	[illegible]
[illegible]	.5	1.5	.7	.	.3								35	35	5[illegible]	1[illegible]
[illegible]		.[illegible]	.1	.1									[illegible]	17	4[illegible]	7[illegible]
[illegible]		.7	.4	.4									12	12	2[illegible]	3[illegible]
[illegible]			.										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.1											1	1	21	[illegible]
[illegible]															[illegible]	[illegible]
[illegible]															2	[illegible]
[illegible]																[illegible]
[illegible]																[illegible]
[illegible]																[illegible]
[illegible]																[illegible]
[illegible]																[illegible]
[illegible]	1.5	1.[illegible]	15.5	21.9	23.[illegible]	14.5	7.4	1.3	.7				[illegible]	[illegible].9		[illegible].7

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	57.1	6.3[illegible]	[illegible]			.4	[illegible]			[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	6.1[illegible]	[illegible]							[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	8.143	[illegible]		5.7					[illegible]

USAFETAC Form 0265 (OL-A) JUL 54 REPLACES PREVIOUS EDITIONS OF THIS FORM WHICH ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Temp F	WET BULB TEMPERATURE DEPRESSION °F	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]

USAFETAC FORM 0265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] BRANCH

PSYCHROMETRIC SUMMARY

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

[illegible] HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]									.4	.7	.[illegible]	.[illegible]						[illegible]	1[illegible]		
[illegible]							.2	.[illegible]	1.2	.2	.5	.1						2[illegible]	2[illegible]		
[illegible]							.	.4	.7	.7								[illegible]	[illegible]		
[illegible]						.9	.[illegible]	1.5	1.9	.1	.1							17	1[illegible]		
[illegible]					.	1.[illegible]	.	1.4	1.[illegible]	.2								[illegible]	[illegible]		
[illegible]					.	2.1	3.[illegible]	1.5	1.2									[illegible]	[illegible]		
[illegible]			.[illegible]	.1	1.[illegible]	3.[illegible]	2.[illegible]	1.7	.7	.4								[illegible]	[illegible]		
[illegible]			.[illegible]	.1	1.[illegible]	1.1	1.7	.[illegible]	.7	.1	.1							4[illegible]	4[illegible]	[illegible]	
[illegible]			.1	.[illegible]	.7	[illegible]	2.7	.[illegible]	.2									[illegible]	[illegible]	[illegible]	
[illegible]	.[illegible]	1.	[illegible].2	2.1	2.[illegible]	2.3	3.[illegible]	.[illegible]	.2									124	124	[illegible]	[illegible]
[illegible]		.[illegible]	1.1	[illegible]	1.[illegible]	.[illegible]	1.[illegible]	.[illegible]										7	[illegible]	17[illegible]	[illegible]7
[illegible]	.[illegible]	.2	1.2	.[illegible]	1.5	.9	.[illegible]	.[illegible]										55	55	1[illegible]1	[illegible]
[illegible]		.[illegible]	.[illegible]	.[illegible]	.[illegible]	1.1	.[illegible]											4[illegible]	4[illegible]	1[illegible]	57
[illegible]	.[illegible]	.[illegible]	.4	.7	.7	.7	.2											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]		.[illegible]	.7	1.[illegible]	.4												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			.[illegible]	.1	.[illegible]	.1	.[illegible]											11	13	[illegible]	[illegible]
[illegible]			.	.1														3	3	4[illegible]	[illegible]
[illegible]			.	.2	.[illegible]													5	5	32	[illegible]
[illegible]			.6		.													[illegible]	[illegible]	[illegible]9	1
[illegible]			.[illegible]															1	1	1[illegible]	[illegible]
[illegible]																				7	[illegible]
[illegible]																				[illegible]	47
[illegible]																				1	[illegible]
[illegible]																					1[illegible]
[illegible]																					1[illegible]
[illegible]																					7
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					1
[illegible]	[illegible]	3.7	[illegible]	[illegible]	1[illegible]	1[illegible].5	[illegible]	9.9	7.[illegible]	[illegible].5	1.0	.6							[illegible]1[illegible]		[illegible]1[illegible]
																		81[illegible]		81[illegible]	

Element X	Σx²	Σx	x̄	σx	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible]7[illegible]47	45[illegible]4[illegible]	5[illegible].4	15.235	[illegible]1[illegible]							
Dry Bulb	[illegible]	[illegible]	6[illegible].[illegible]	7.129	81[illegible]			3[illegible].6	15.[illegible]	1.[illegible]		9[illegible]
Wet Bulb	[illegible]	45[illegible]56	5[illegible].4	5.[illegible]31	81[illegible]			.[illegible]				9[illegible]
Dew Point	1[illegible]83746	39[illegible]56	4[illegible].[illegible]	7.228	81[illegible]		1.5					[illegible]

0 26 5 (OL A)

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

PSYCHROMETRIC SUMMARY

[illegible] STATION · [illegible] STATION NAME · [illegible] YEARS · [illegible] MONTH

PAGE [illegible]

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]														.1	[illegible]			[illegible]	[illegible]		
[illegible]												.1	[illegible]	1.0	.2	.2		17	17		
[illegible]											[illegible]	1.4	.9	.7	[illegible]			5	[illegible]		
[illegible]										.1	.5	.5	1.2	.7	.1			25	[illegible]		
[illegible]									[illegible]	1.2	[illegible]	1.0	.2	.1				49	49		
[illegible]								[illegible]	2.2	[illegible]	7.1	[illegible]	.4	.1				125	127		
[illegible]							.1	.9	3.2	1.7	1.[illegible]	.9	.1	[illegible]				[illegible]	[illegible]		
[illegible]				.1			[illegible]	2.5	1.9	2.5	1.5	.7	.5	.1				[illegible]	[illegible]		
[illegible]					.1	.6	[illegible]	2.6	3.2	1.2	.2	.1	.1					[illegible]	[illegible]		
[illegible]					.4	1.[illegible]	[illegible]	1.0	.7	1.7	.5	.2						[illegible]	[illegible]		
[illegible]				.1	[illegible]	.1	1.[illegible]	1.2	1.5	.6	.2							[illegible]	[illegible]	1	
[illegible]			.1	.2	[illegible]	.6	[illegible]	1.2	1.0	.4								37	37	4	1
[illegible]			[illegible]		[illegible]	.7	.4	.5	.5	.1								25	25	[illegible]	
[illegible]		.1		.5	1.[illegible]	.4	.5	.5	.5	.1								33	33	[illegible]	
[illegible]		.5	.1	.2	.4	.9	.5	1.4	1.[illegible]									41	41	[illegible]	[illegible]
[illegible]	.1	.1	.4	.1		[illegible]	[illegible]	.9	.1									19	19	[illegible]	23
[illegible]	.1	.1	.1		[illegible]	.4	.4											11	11	174	34
[illegible]				.1		.7												7	7	[illegible]	57
[illegible]					.4	.1												4	4	[illegible]	[illegible]
[illegible]				[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																				[illegible]	51
[illegible]																				[illegible]	75
[illegible]																				3	75
[illegible]																					[illegible]
[illegible]																					[illegible]
																					44
[illegible]																					51
[illegible]																					[illegible]
[illegible]																					9
[illegible]																					[illegible]
																					[illegible]
[illegible]																					5
[illegible]																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

[illegible] STATION | [illegible] STATION NAME | 73-81 YEARS | SEP MONTH

PAGE [illegible] HOURS 1600-1900

Temp F	0	1-2	3	4	5	6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	.4	.4	1.3	2.1	4.4	.3	9.6	13.7	16.8	16.2	17.5	7.3	4.3	3.2	1.1	.2			81[illegible]		81[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature							
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1[illegible]82[illegible]7	3[illegible].71	42.8	13.976	81[illegible]							
Dry Bulb	4[illegible]5776	61[illegible]96	75.7	7.643	81[illegible]			76.8	62.9	3[illegible].7		[illegible]
Wet Bulb	2[illegible]547[illegible]6	48758	[illegible]	4.943	81[illegible]			5.2				[illegible]
Dew Point	1[illegible]74445	39518	48.3	7.575	81[illegible]		2.4	.1				[illegible]

USAFETAC FORM JUL 64 0265 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	UNIT
2[illegible]	TORREJON AB SP	73-81	SEP

PART 1 15[illegible]-17[illegible]

Temp F	0	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ [illegible]																				2	[illegible]		
7/ [illegible]																.4	.1	.5	.2	12	12		
7/ [illegible]															1.0	2.0	1.2	1.1	.2	45	45		
7/ [illegible]														1.4	1.7	3.0	1.9	1.5		72	72		
7/ [illegible]														1.1	1.4	3.2	.5			34	34		
7/ [illegible]											.1		.4	.4	1.2	.4				25	25		
7/ [illegible]											.1	.5	1.4	3.1	1.5	1.0	.2			75	75		
7/ [illegible]										.1	.9	4.9	3.2	3.0	1.2	.5	.4			115	115		
7/ 77										.6	1.5	2.2	3.7	3.1	1.1	.2	.5			1[illegible]4	1[illegible]4		
7/ 77								.4	.5	1.5	1.5	1.1	1.7	.4	.1	.2				69	69		
7/ [illegible]							.1	.1	1.4	.4	1.5	1.2	1.2	.5						53	53		
7/ [illegible]							.1	.9	.4	.4	1.1	.7	.9							36	36		
7/ [illegible]						.2	.2	.5	.2	.4	.5	1.1								27	27		
7/ [illegible]				.1	.4	.4	.1	.2	.2	.4	1.0	1.0	.2							31	31	4	
7/ 57				.1			.1	.1	.1	.5	.2	.4								13	13	47	
7/ [illegible]			.1	.4			.1	.2	.4	.6	.5	.9	.1							31	31	55	
7/ [illegible]			.1	.2	.1			.1	.1	1.2	.2	.1								5	2[illegible]	187	5
7/ [illegible]	.6	.1	.2						.1	.1	.1									9	9	175	13
7/ [illegible]	.1	.1			.1	.1		.4	.1											5	5	55	14
7/ [illegible]					.1			.4	.5											5	6	55	69
7/ [illegible]																						75	54
7/ [illegible]							.1													6	5	45	55
7/ [illegible]																						15	54
7/ [illegible]																						55	37
7/ 47																						11	7[illegible]
7/ 4[illegible]																						5	105
7/ 43																							31
7/ 4[illegible]																							55
7/ [illegible]																							55
7/ [illegible]																							35
7/ 35																							39
7/ [illegible]																							15
7/ 31																							6
7/ [illegible]																							11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0 26 5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]27 TERREJON AB SP 73-81 [illegible]
STATION STATION NAME YEARS

PAGE [illegible] 1500-1700 [illegible]

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 35																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	1[illegible]677	2[illegible]	32.7	13.876	6[illegible]							
Dry Bulb	5[illegible]	[illegible]473	79.9	8.237	81[illegible]			[illegible]1.6	73.7	54.1	1.7	91
Wet Bulb	2[illegible]	49[illegible]	6[illegible]	4.665	813			5.9				90
Dew Point	1767958	37331	46.1	7.667	812		3.4					92

USAFETAC FORM 0 26 5 (OL A) REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]-RUDUN AB OP STATION NAME | 73-81 YEARS | [illegible] MONTH

PAGE [illegible] | 18 [illegible] HOURS

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
/ [illegible]															[illegible]	.1	.2	[illegible]	[illegible]	[illegible]		
/ [illegible]													.2	.7	.5	.5		15	15			
/ 8[illegible]													.5	1.7	1.	1.1		36	35			
5/ 87												1.2	1.1	1.5	1.1	.2		41	41			
5/ [illegible]									.1		.2	.2	1.3	.5	.1			1[illegible]	18			
/ [illegible]									.1	.1	1.4	1.5	1.1	1.2	.1			[illegible]	45			
/ [illegible]								.1	.2	2.2	2.7	4.5	.5	.7	.1			51	51			
/ 7[illegible]								.1	.5	1.4	3.3	2.5	.5	.2	.1			74	74			
7 / 77							.1	.7	1.1	2.6	2.3	1.1	.1	.4				69	69			
/ 7[illegible]							.5	1.1	2.5	2.1	1.5	1.3						73	77			
/ 7[illegible]					.1		.6	1.4	1.1	1.7	1.3							45	45			
/ 7[illegible]				.1	.1	1.2	.7	1.2	1.5	1.4	1.3	.1						64	64			
/ [illegible]			.4	.4	.4	1.3	1.3	1.2	1.3	1.2	.5	.2						59	59			
/ 67			.4	.2	.4	.2	.6	.4	.5	.1	.1							24	24	11		
4/ 6[illegible]			.4	.2	1.1	.5	.5	.9	.9		.1							37	37	5[illegible]		
4/ 5[illegible]		.7	.4		.1	.3	.5	1.[illegible]	.1	.2								34	34	174		[illegible]
/ 5[illegible]		1.2	.5		.1	.2	.7		.1	.1								25	25	135		14
/ [illegible]		.7	.2		.1	.5	.3	.2	.4									22	22	156		23
/ 57					.1	.5	.2	.1										9	9	115		21
5 / 5[illegible]			.1	.2	.2	.1	.2											5	5	7[illegible]		29
/ [illegible]				.2	.1	.1	.1											5	5	56		33
/ [illegible]																				41		33
5 / 4[illegible]				.2		.1												3	3	76		45
/ 47					.1	.1												2	2	16		[illegible]
/ 4[illegible]																				8		133
4 / 43																				7		51
2 / 4[illegible]																				[illegible]		75
/ 3[illegible]																				1		75
/ 37																				1		47
/ 35																						55
3 / 33																						23
/ 31																						7
/ [illegible]																						14
/ 27																						5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0265 (OLA) AUG 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]-REDUX AL SP STATION NAME | 73-81 YEARS | SEP MONTH

[illegible] | 1800-2300 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
[illegible]																				
[illegible]																				
[illegible]																				
[illegible]																				
[illegible]	[illegible].7	2.5	1.7	3.[illegible]	5.[illegible]	6.4	8.5	10.6	13.7	14.5	12.[illegible]	[illegible].3	7.2	3.[illegible]	2.1	.2		[illegible]		[illegible]
																		81[illegible]		81[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	132.5.6	29772	36.5	6.722	810							
Dry Bulb	4552965	61157	75.5	8.995	810			73.9	57.6	33.1	.5	9[illegible]
Wet Bulb	2787311	47346	58.5	4.953	810			1.3				9[illegible]
Dew Point	1689244	36442	45.[illegible]	7.839	810		4.7					9[illegible]

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1 — HOURS 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 7														.1				1	1		
/ [illegible]													.1					1	1		
/ 51									.5	.4	.5	.5						13	13		
/ 79							.1	.1	.6	.4	.6	.2	.1					15	15		
3 / 77									.1	1.0	.2	.1						12	12		
/ 76						.1	.5	.9	1.7	1.6	.7	.1						45	45		
4/ [illegible]					.1	.2	1.0	2.5	2.2	.7	.9							52	52		
/ 74					.1	.6	1.2	1.6	3.2	1.2	.7	.1						75	75		
/ 69			.1	.2	.4	1.1	2.2	1.2	2.3	1.2	.4							75	75		
/ 67			.1		1.1	1.1	.7	1.6	.9	.1								45	45	1	
/ 65		.4	.4	.2	1.1	2.1	2.3	2.1	2.8	.2								48	48	7	
4/ 62		.7	1.0	2.1	1.7	3.2	2.1	2.7	.6	.4	.1							117	117	28	5
/ 61	.5	.5	1.0	.6	1.1	2.2	2.5	.9	.5	.1								78	78	58	12
/ 59		1.0	.4	.9	1.7	1.7	.7	.7	.2									54	54	178	21
/ 57	.2	.2	.2	1.1	1.0	.7	.7	.2										37	37	137	27
5 / 55	.1	.4	.2	.6	.6	.9	.4	.2										29	29	175	42
/ 53			.1	.6	1.4	.4		.1										21	21	114	45
/ 51				.7	.1	.2												9	9	94	41
/ 49				.5	.1	.1												6	6	57	37
/ 47			.2	.1	.2	.5												9	9	44	64
/ 45					.1	.2												3	3	36	1[illegible]
4/ 43					.1	.1												2	2	13	7[illegible]
2/ 41																				5	75
/ 39																				3	75
/ 37																				5	55
/ 35																				2	33
3 / 33																					23
/ 31																					11
/ [illegible]																					13
/ 27																					15
/ 25																					2
/ 23																					7
2/ 21																					5
/ 19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM NO. 64 0265 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] AB SP STATION NAME | 73-81 YEARS | [illegible]

[illegible] | [illegible]

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	3.	3.	7.	611.	14.	714.	714.	515.	3	7.	4.	2	1.	1	.2	.1	[illegible]	-1	[illegible]	-1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	2157931	39502	48.8	16.701	810							
Dry Bulb	3555569	53353	65.9	7.147	810			36.7	17.7	1.5		90
Wet Bulb	2430703	44161	54.5	5.345	810			.1				90
Dew Point	1670533	36167	44.7	8.160	810		6.0					90

USAFETAC FORM 0-265 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] T[illegible] AL [illegible] 73-81 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L.S.T.)

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]																	.	2	[illegible]		
/ [illegible]														.	.1	.1	.1	1[illegible]	1[illegible]		
/ [illegible]													.1	.4	.7	.2	.	55	55		
/ [illegible]												.	.4	.7	.4	.4		132	132		
/ [illegible]7											.1	.5	.4	.7	.2	.		175	1[illegible]		
/ [illegible]									.	.3	.1	.2	.5	.2	.			71	71		
/ [illegible]									.1	.2	.5	.7	.3	.3	.			177	177		
/ [illegible]								.1	.5	1.3	1.2	1.1	.3	.2	.1			355	355		
/ [illegible]							.1	.3	.9	.8	1.2	.4	.7	.1	.1			241	241		
/ [illegible]7				.		.1	.3	.7	.7	1.3	.7	.7	.1	.1				257	257		
/ [illegible]					.	.2	.7	.8	1.4	.5	.5	.2	.					3[illegible]	[illegible]		
/ [illegible]					.7	.5	1.3	.4	.5	.7	.4	.						3[illegible]6	[illegible]6		
/ [illegible]				.1	.	.9	1.1	.	1.0	.6	.2	.						345	345	.	
/ [illegible]			.	.4	.6	.9	.9	.7	.8	.5	.1	.						345	346	9	1
/ 57			.2	.	.	.5	.5	.5	.4	.1	.							[illegible]	[illegible]	1[illegible]	
/ [illegible]		.	.4	.3	1.	1.	1.2	.	.7	.2	.							3[illegible]	[illegible]9	[illegible]	
/ [illegible]	.	1.	.	1.9	1.	1.7	1.5	1.2	.3	.1	.							[illegible]	[illegible]	611	55
/ [illegible]	.3	.4	1.	.9	1.	1.3	1.3	.4	.1	.								526	[illegible]25	7[illegible]2	147
/ [illegible]	.1	.9	.7	.5	1.5	1.	.	.2	.1									[illegible]	[illegible]	742	154
/ [illegible]7	.1	.	.8	1.6	1.1	1.	.5	.										37[illegible]	372	7[illegible]	[illegible]
/ [illegible]	.	.7	.3	1.4	.	.7	.2	.1										317	317	5[illegible]5	[illegible]57
/ [illegible]	.1	.4	.7	1.1	1.1	.4	.1	.										2[illegible]3	[illegible]53	[illegible]	455
/ [illegible]	.1	.2	.5	.5	.	.1	.1	.										141	141	673	5[illegible]1
/ [illegible]		.3	.2	.4	.2	.1	.											53	53	47[illegible]	[illegible]
/ 47		.3	.4	.4	.4	.1												124	124	352	5[illegible]5
/ 4[illegible]		.2	.5	.3	.7	.2												99	99	256	8[illegible]9
/ 43		.	.3	.2	.1	.												43	43	171	455
/ 41			.2	.1	.1													26	26	79	475
/ [illegible]		.	.1	.														5	8	[illegible]6	466
/ [illegible]			.	.1														6	6	[illegible]1	361
/ 35																				[illegible]	265
/ 33																				5	135
/ 31																				3	55
/ [illegible]																					57

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet B.	TOTAL Dew Point
	1.1	5.7	8.7	7.5	9.1	12.1	11.5	11.4	8.3	8.3	5.9	5.4	4.3	2.7	2.7	1.2	.8	.1															6477		6477	6477
																																	6477		6477	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum	19034375	331437	51.2	19.938	6477							
Dry Bulb	29944474	434276	67.0	11.299	6477			733.3	253.2	121.4	2.2	7[illegible]
Wet Bulb	23334	359473	55.5	6.559	6477		.3	12.3				72[illegible]
Dew Point	14217313	298953	46.2	8.142	6477		33.8	.1				72[illegible]

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] LIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [illegible] | STATION NAME T[illegible] | [illegible] | YEARS | MONTH [illegible]

PAGE [illegible] | [illegible]

Temp. F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Pt.
/							•[illegible]											[illegible]	[illegible]		
/ 7						•1	•[illegible]											[illegible]	[illegible]		
/ 5[illegible]				•[illegible]		•1	•[illegible]											[illegible]	[illegible]		
/ [illegible]		•[illegible]	•1	•[illegible]	•[illegible]	•4												1[illegible]	[illegible]		
/		•[illegible]	•	1•[illegible]	1•[illegible]	•7	•[illegible]											3[illegible]	[illegible]	•	•
/	•[illegible]	•[illegible]	1•	•[illegible]	1•[illegible]	1•[illegible]												7[illegible]	[illegible]	7	[illegible]
/ 7	•[illegible]	•[illegible]	1•[illegible]	1•3	1•1	•1												3[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]	•	3•2	1•[illegible]	[illegible]•5	1•[illegible]	•[illegible]	•1											[illegible]7	[illegible]	[illegible]	[illegible]
/	•	[illegible]•3	1•[illegible]	3•2	1•[illegible]	•[illegible]	•											[illegible]	7	[illegible]	[illegible]
/	•[illegible]	•[illegible]	1•[illegible]	[illegible]•	1•[illegible]	•[illegible]												[illegible]	[illegible]	3	[illegible]
/	•7	2•4	[illegible]•	[illegible]•	1•[illegible]	•4	•[illegible]											[illegible]	[illegible]5	[illegible]	[illegible]
/	•	[illegible]•3	[illegible]•[illegible]	[illegible]•4	[illegible]•[illegible]	•1												[illegible]7	[illegible]7	[illegible]	[illegible]
/ [illegible]7	•	[illegible]•[illegible]	3•1	1•[illegible]	1•[illegible]	•1												[illegible]7	[illegible]	[illegible]	
/ [illegible]	•[illegible]	[illegible]•[illegible]	•6	[illegible]•2	•[illegible]													[illegible]	[illegible]1	1[illegible]4	[illegible]
/ [illegible]	•1	1•[illegible]	1•[illegible]	1•2	•													[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]		1•[illegible]	•[illegible]	•[illegible]	•[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]		1•1	•[illegible]	•5	•[illegible]													1	[illegible]1	5[illegible]	[illegible]
/ [illegible]		•[illegible]	•[illegible]	•[illegible]														1[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]		•1	•2	•1														[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]3		•4		•[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]																					[illegible]
/ [illegible]		•1																1	1		1
/ [illegible]																					[illegible]
/ 25																					[illegible]
/ 2[illegible]																					[illegible]
/ [illegible]																					[illegible]
/ [illegible]																					
[illegible]	•[illegible]	[illegible]•1	23•5	23•[illegible]	1[illegible]•[illegible]	[illegible]•3	1•[illegible]												[illegible]7		[illegible]34
																		[illegible]34		[illegible]34	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4[illegible]15[illegible]	[illegible]1[illegible]62	72.7	14.951	[illegible]34							
Dry Bulb	[illegible]	43364	51.8	[illegible].741	[illegible]37		•[illegible]	1•[illegible]				[illegible]
Wet Bulb	[illegible]15179	[illegible]9[illegible]41	47.5	6.358	[illegible]34		1•[illegible]					[illegible]
Dew Point	15[illegible]345	36[illegible]24	4[illegible].2	7.963	834		9•[illegible]					[illegible]

USAFETAC FORM JUL 64 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] AB [illegible] STATION NAME 7[illegible]-81 YEARS [illegible] MONTH

[illegible] [illegible]-[illegible]

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ [illegible]						.																
[illegible]7/ [illegible]		.4	.4	.5	.[illegible]	.1												[illegible]		.7		
[illegible]/ [illegible]		.[illegible]	1.2	.[illegible]	.[illegible]	.4	.1											[illegible]		[illegible]		
[illegible]/ [illegible]	.[illegible]	.[illegible]	1.4	.[illegible]	.[illegible]	.2												[illegible]		31	1[illegible]	[illegible]
[illegible]/ [illegible]	.[illegible]	[illegible].	1.	1.9	.	.1												[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]	1.[illegible]	2.[illegible]	1.[illegible]	2.[illegible]	[illegible]		.[illegible]											[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	7.[illegible]	1.2	3.	[illegible]		.[illegible]											[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]	.4	[illegible].7	[illegible]	2.	.7													[illegible]		7[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]	.[illegible]	1.4	[illegible].3	1.4	1.[illegible]													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ 47	[illegible].[illegible]	3.4	[illegible].[illegible]	2.4	1.[illegible]	.1												[illegible]		1[illegible]2	11[illegible]	[illegible]
[illegible]/ 4[illegible]	.	4.7	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]												11[illegible]		[illegible]	[illegible]	1[illegible]
4[illegible]/ [illegible]	.[illegible]	[illegible].2	[illegible].[illegible]	1.5	.[illegible]													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]		3.[illegible]	[illegible].1	1.2														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]		[illegible].[illegible]	[illegible].3		.													[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]	.[illegible]	1.[illegible]	1.2	.[illegible]														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]		.[illegible]	.7	.2														[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/ [illegible]		.[illegible]	.[illegible]																		[illegible]	[illegible]
[illegible]/ [illegible]		.[illegible]																[illegible]		[illegible]	[illegible]	[illegible]
[illegible]/		.[illegible]																				[illegible]
[illegible]/ [illegible]	.1																	1		1	[illegible]	[illegible]
[illegible]/ [illegible]																						[illegible]
[illegible]/ [illegible]																						[illegible]
[illegible]/ [illegible]																						[illegible]
[illegible]/ [illegible]																						[illegible]
[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	.													[illegible]		[illegible]3[illegible]
																		[illegible]3[illegible]			[illegible]3[illegible]	

Element x	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]2344[illegible]3	[illegible]5[illegible]73	7[illegible].[illegible]	13.73[illegible]	[illegible]34							
Dry Bulb	[illegible]1[illegible]3	41[illegible]29	4[illegible].[illegible]	6.[illegible]	[illegible]37		.[illegible]					[illegible]3
Wet Bulb	1[illegible]77599	3[illegible]49	4[illegible].7	5.7[illegible]	8[illegible]		2.3					[illegible]3
Dew Point	1[illegible]333[illegible]5	[illegible]5125	4[illegible].1	8.[illegible]	834		11.[illegible]					[illegible]3

USAFETAC FORM JUL 64 0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS

Temp. °F	WET BULB TEMPERATURE DEPRESSION (°F)	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	[illegible]
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		14.4					

USAFETAC FORM NO. 0265 (OL-A)

AD-A128 107 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 OCT 82 5/5

UNCLASSIFIED USAFETAC/DS-82/056 SBI-AD-E850 356 F/G 4/2 NL

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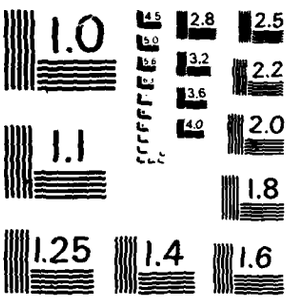


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 0300-1100 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 75							.1			.1								2		2		
4/ 73							.2		.1									3		3		
/ 71						.2	.2		.1									5		5		
/ 69				.1	.4	.2	.8	.1	.1									15		15		
/ 67					.5	.2	.1											8		8		
6/ 65			.1	.2	.7	.6	.2	.1	.1									18		18		
4/ 63		.1	.5	2.6	1.8	2.9	.7	.4	.1									76		76	3	
/ 61	.1	.7	1.9	1.6	2.2	1.3	1.2											75		75	13	3
/ 59	.1	1.0	1.9	1.4	2.3	.7	.4											65		65	38	5
/ 57	.4	2.5	1.4	2.3	1.8	1.8	.7											91		91	54	26
5 / 55	1.2	2.6	1.9	2.2	1.1	1.4	.4											90		91	81	55
4/ 53	.2	2.4	1.9	1.7	2.6	1.2	.2											81		82	91	47
/ 51	.6	1.7	2.9	2.0	1.7	.5	.1											79		79	90	74
/ 49	.5	1.1	1.7	1.8	.7	.1												49		49	91	34
/ 47	.4	1.7	2.5	1.2	.7	.2												56		56	95	61
2/ 45	.5	2.4	2.1	1.2	.4													54		54	90	118
4/ 43		1.4	1.3	.6	.5													32		32	67	67
2/ 41		.8	.5	.4														14		14	46	65
/ 39		.6	.4	.1														9		9	28	81
/ 37	.1	.4	.5	.1														9		9	19	53
/ 35		.1																1		1	9	39
2/ 33																					6	33
/ 31																					1	12
/ 29	.1																	1		1	1	22
/ 27																						10
/ 25																						4
/ 23																						4
TOTAL	4.2	19.2	21.5	19.6	17.4	11.3	5.5	.6	.6	.1									937			833
																		833		833		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4272544	58132	69.8	16.102	833							
Dry Bulb	2560928	45910	54.9	7.150	837		.1	3.7	.6			93
Wet Bulb	2073331	41243	49.5	6.137	833		.2					93
Dew Point	1694587	37039	44.5	7.569	833		5.8					93

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1 — 1200-1400 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 81											.1		.1					2	2		
/ 81											.5	.5	.1	.2				11	11		
/ 79								.1	.6	.4	.6	.1						15	15		
7/ 77							.1	.8	.1	.7	.2							17	17		
3/ 75							.7	1.0	2.2	.1	.4							36	36		
4/ 73						.6	.8	1.1	.8	.1								29	29		
/ 71					.1	.8	1.4	1.1	.6	.4	.1							38	39		
/ 69					.7	1.7	1.9	1.4	1.4	.5								64	64		
/ 67					1.2	1.1	1.2	1.1	.5	.1								43	43		
6/ 65				.5	1.8	1.2	2.0	1.8	1.0	.2								71	71	6	
4/ 63		.5	.4	3.2	2.5	4.2	3.2	1.7	.2	.1								134	134	24	
/ 61		.4	2.4	1.6	1.8	2.5	1.1	.7	.1									88	88	59	4
/ 59	.2	1.0	1.2	.5	1.8	.8	2.9	1.0	.6									83	83	104	8
/ 57	.1	.4	.8	1.7	1.9	1.3	1.0	.8										67	67	110	38
5/ 55	.5	1.0	.2	1.4	1.7	1.1	.7	.4										58	58	97	57
4/ 53		.1	.7	.8	1.2	.6	.2											31	31	105	68
/ 51		.7	1.0	.6	.4	.7	.2											30	30	99	61
5/ 49	.2		.6	.1		.1												9	9	76	49
/ 47		.2	.4		.1													6	6	59	86
/ 45		.1	.1	.1	.1													4	4	46	119
4/ 43		.1																1	1	23	73
2/ 41																				12	69
/ 39																				4	61
/ 37																				1	43
/ 35																					30
3/ 33																					19
3/ 31																					11
/ 29																					14
/ 27																					17
/ 25																					9
2/ 23																					1
TOTAL	1.1	4.4	7.8	10.5	15.3	16.7	17.6	12.9	8.1	2.6	1.9	.6	.2	.2					837		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2677637	45247	54.1	16.646	837							
Dry Bulb	3432019	53235	63.6	7.431	837			28.3	12.2	1.9		93
Wet Bulb	2452379	45079	53.9	5.418	837							93
Dew Point	1778408	38052	45.5	7.615	837		5.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

-272 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 85												.1	.1	.2	.2			6	6		
4/ 83										.1	.1	.1	.2	.2				7	7		
/ 81										1.2	1.9	2.0	.2	.2	.1			48	48		
/ 79									1.3	1.6	1.2							34	34		
7 / 77								.4	.7	.6	1.1		.1					24	24		
5/ 75							.6	.6	1.0	.8	.8							32	32		
4/ 73						.1	1.7	.6	1.0	.6	.7							39	40		
/ 71					.1	.8	1.4	1.9	2.4	2.5	.5	.1						82	84		
/ 69					.2	1.9	2.2	2.0	2.8	.2	.4							81	81		
/ 67			.1	.1	.4	.2	.6	1.3	.7	.1	.4							35	35	1	
6/ 65		.1		.1	2.0	1.4	2.4	1.3	1.1	.4								74	74	13	
4/ 63		.2	.4	2.4	2.0	2.4	2.2	1.9	.5									100	100	33	2
/ 61		.4	1.0	1.2	1.1	1.9	1.7	1.1	.4	.5								76	76	90	1
/ 59	.2	.4	1.1	.4	1.2	1.1	.8	1.4	1.3	.1								67	67	97	13
/ 57	.1	1.0	.2	.8	.7	1.1	.7	.7										45	45	139	13
5 / 55	.2	.4	.6	.8	.8	.7		.1										31	31	125	61
4/ 53			.7	.7	.2	.1	.2	.1										18	19	100	58
/ 51	.2	.6	.6	.2	1.1	.2												25	25	78	64
/ 49				.1		.1												2	2	75	53
/ 47	.1	.6		.1														7	7	49	73
/ 45			.1															1	1	38	123
4/ 43																				22	68
2/ 41																				6	58
/ 39																				1	61
/ 37																					47
/ 35																					29
3 / 33																					25
/ 31																					13
/ 29																					17
/ 27																					18
/ 25																					9
/ 23																					12
/ 19																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0-273 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 2 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.[illegible]	3.6	4.8	7.1	10.0	12.2	14.7	13.5	13.1	8.8	7.1	2.4	.7	.7	.4			834	837	834	834

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2167039	39855	47.8	17.753	834							
Dry Bulb	3782953	55845	66.7	8.254	837			43.4	21.2	7.6		93
Wet Bulb	2525375	45677	54.8	5.335	834			.1				93
Dew Point	1707284	37144	44.5	7.976	834		7.6					93

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 270 | STATION NAME: TORREJON AB SP | YEARS: 73-81 | MONTH: OCT

PAGE 1 | HOURS L.S.T.: 1800-2200

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Poir
91												.1	.2		.1			4	4		
89										.2	.1	.2	.2					7	7		
87									.2	.5	.7	.1						13	13		
85								.4	.4	.5	.2		.1					14	14		
83								.4	.8	.4								13	13		
81						.1	1.1	.8	1.0		.4							27	27		
79						.4	1.4	1.1	.6	.5	.5							37	37		
77					.7	.5	1.5	1.6	1.2	.4		.1						52	53		
75			.1		.5	.5	.5	.7	.2	.1								22	22		
73		.1	.1	.2	1.2	.7	1.4	.8	1.2	.2								51	51	4	
71	.1		.2	2.9	1.2	2.5	2.6	1.3	.5		.1							96	96	9	3
69	.1	.4	1.9	1.7	1.1	2.2	1.7	.8	.1									82	82	38	1
67		1.1	1.2	1.0	2.4	1.6	1.6	1.4	.2	.2								89	89	76	3
65	.4	2.2	1.2	1.7	1.1	1.4	1.3	.4	.1									81	81	94	22
63	.1	1.3	1.6	2.9	1.4	1.1	.6	.1	.1									77	77	90	50
61		1.1	1.4	1.6	2.0	.7	.7	.1										64	64	93	59
59	.2	.5	1.9	1.3	.4	.2	.5											42	42	110	68
57		.5	1.6	.1	.5	.5												26	26	99	42
55	.5	.4	.4	.4	.1	.4												17	17	83	70
53		.4	.5	.4	.1	.1												12	12	68	132
51				.2														2	2	28	86
49			.1	.2	.2													5	5	16	62
47			.1															1	1	13	63
45																				5	39
43																				3	35
41																				1	23
39																					13
37																					29
35																					19
33																					3
31																					7
29																					5
27																					1
25																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0 .27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 2 1800-2000 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.4	7.8	12.4	14.5	12.8	12.8	15.1	10.0	6.7	3.1	2.0	.6	.6		.1			834	837	834	834

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2998467	47481	56.9	18.827	834							
Dry Bulb	3184616	51188	61.2	8.047	837			21.1	8.7	1.7		93
Wet Bulb	2304545	43583	52.3	5.693	834							93
Dew Point	1688443	36915	44.3	8.088	834		8.7					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

227 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 75									.1									1	1		
4/ 73							.1	.1										2	2		
7/ 71					.1	.1		.5										6	6		
/ 69					.2	.1	.4		.1									7	7		
7/ 67					.2	.4	.7	.1		.1								13	13		
6/ 65				.5	.4	1.3	.7		.1									25	25		
4/ 63	.2		.4	1.3	1.3	2.5	1.4	.4	.2									65	66	3	2
2/ 61	.1	.4	1.8	.5	1.4	2.3	.6	.1										60	61	9	1
/ 59		.6	1.9	.7	2.2	.5	.8	.1										57	57	22	3
5/ 57	1.2	3.7	.8	1.6	2.1	1.0	.4	.1										90	93	55	23
5/ 55		2.4	1.3	2.3	1.7	1.3	.6	.7										86	88	80	32
4/ 53	.2	3.1	2.6	1.7	3.0	1.2	.5											103	103	87	62
2/ 51	.2	2.8	4.0	1.9	1.2	1.4	.5											100	100	96	48
5/ 49	.1	1.1	2.5	1.1	1.1	.2												50	50	102	42
1/ 47		1.6	2.6	1.2	1.4	.5												51	51	90	71
5/ 45	.1	2.6	2.1	1.0	1.0	.2												58	58	98	124
4/ 43		1.4	.5	.5	.8													27	27	65	92
2/ 41			.8	.4	.1													11	11	51	58
/ 39			.2	.2														4	4	29	72
2/ 37		.2	.1	.1														4	4	15	52
2/ 35		.2	.1															3	3	13	29
3/ 33																				5	26
/ 31																				2	29
/ 29																					26
/ 27																					19
/ 25																					7
/ 23																					11
/ 21																					4
TOTAL	2.3	20.2	21.8	14.9	18.1	13.1	6.7	2.2	.6	.1								833	837	833	833

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4992064	56622	68.0	17.100	833							
Dry Bulb	2540104	45766	54.7	6.721	837			3.2	.3			93
Wet Bulb	2029759	40819	49.0	5.958	833		.2					93
Dew Point	1628268	36213	43.5	8.074	833		10.7					93

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

127 — STATION | TORREJON AB SP — STATION NAME | 73-81 — YEARS | OCT — MONTH

PAGE 1 | ALL — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5/ 85												.0	.0	.0	.0			6	6		
4/ 83										.0	.0	.0	.1	.0	.0			13	13		
/ 81										.2	.3	.3	.1	.1	.0			66	66		
/ 79								.0	.3	.3	.3	.0						62	62		
7 / 77							.0	.2	.1	.2	.2		.0					55	55		
/ 75							.0	.2	.5	.2	.1							84	84		
4/ 73						.1	.5	.3	.4	.1	.1							170	171		
/ 71					.0	.3	.6	.6	.5	.4	.1	.0						169	171		
/ 69				.0	.3	.6	.9	.6	.7	.1	.0	.0						223	224		
/ 67			.0	.0	.4	.3	.4	.4	.2	.1	.0							125	125	1	
6/ 65		.0	.0	.2	.9	.7	.9	.5	.4	.1								251	251	20	
4/ 63	.0	.2	.4	1.9	1.4	1.9	1.3	.7	.2	.0	.0							536	539	73	8
/ 61	.1	.3	1.6	1.0	1.2	1.5	.6	.3	.1	.1								463	464	220	13
/ 59	.2	.8	1.3	.8	1.5	.6	.8	.5	.3	.0								452	452	374	45
/ 57	.5	2.2	1.0	1.7	1.2	1.0	.5	.3	.0									560	562	533	168
5/ 55	.8	1.8	1.0	2.1	1.2	.8	.3	.2	.0									552	556	638	368
4/ 53	.2	2.0	1.5	1.8	1.6	.6	.3	.0										528	530	639	421
2/ 51	.3	1.6	2.5	1.5	.9	.5	.2											502	503	651	451
5 / 49	.3	1.0	1.8	1.0	.6	.2												326	326	677	315
4 / 47	.5	1.6	2.0	1.0	.6	.2												391	396	676	557
/ 45	.9	2.5	2.0	1.1	.4	.1												466	467	642	949
4/ 43	.1	1.5	1.1	.8	.3													259	259	456	648
2/ 41	.0	1.2	.8	.5	.1													172	172	361	521
4 / 39		1.0	.6	.2	.0													123	123	259	564
3 / 37	.1	.5	.5	.2														90	90	179	431
/ 35	.0	.3	.3	.1														45	45	116	331
3 / 33		.3	.1	.0														27	27	76	226
/ 31		.1	.0															8	8	46	156
/ 29	.1	.2	.0															14	14	27	202
/ 27	.1																	2	2	6	145
/ 25	.0																	2	2	2	70
2/ 23		.1																1	1	1	61
2/ 21																					23
/ 19																					8

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0 27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 2 ALL (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ /																					
TOTAL	4.	219.	318.	515.	812.	5.	9.	2	7.	8	4.	9	3.	6	1.	8	1.	4	.4	.2	.1	.1	5696	6673	6673	6673

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3166467	440931	66.1	19.547	6673							
Dry Bulb	2174727	375855	56.1	9.854	6696		3.0	100.8	43.0	11.1		744
Wet Bulb	1676427	331130	49.6	7.063	6673		9.1	.1				744
Dew Point	1311064	290869	43.6	8.046	6673		74.4					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
NOV — MONTH

PAGE 1 — 0000-2200 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 59				.4	.1		.1											6	6		
/ 57		.1	.1	.6		.2												9	9		
5 / 55	.1	1.1	.7	.4		.2												21	21	3	1
/ 53	.1	2.8	.7	.7	.2	.2												40	40	22	9
/ 51	.5	1.9	.6	.9	.5													36	36	73	20
/ 49	.5	1.5	1.2	.4	.2	.1												32	32	38	26
/ 47	.6	2.3	1.9	1.4	.9	.4												50	50	29	35
/ 45	1.4	6.9	4.7	2.3	1.5	.5												140	140	56	40
4 / 43	.6	4.8	4.3	1.7	.7													99	99	91	67
2 / 41		5.4	2.1	.6	.1													67	67	99	45
/ 39	.7	3.2	2.6	1.2	.4													56	56	97	64
/ 37	1.1	3.0	3.3	.9														67	67	78	70
/ 35	.6	3.7	4.0	.5														71	71	63	89
3 / 33	.1	2.0	1.5	.5														33	33	74	57
/ 31		2.8	1.0															31	31	58	34
/ 29	.1	2.1	.2															20	20	37	73
/ 27	.4	1.2																13	13	25	82
/ 25																				5	37
/ 23																					18
2 / 21																					21
/ 19																					5
/ 17																					3
/ 15																					1
TOTAL	.1	44.9	29.0	12.5	4.7	1.7	.1												810		810
																		810		810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5183368	63852	78.8	13.614	810							
Dry Bulb	1508214	34514	42.6	6.815	810		7.1					90
Wet Bulb	1315416	32204	39.8	6.582	810		13.9					90
Dew Point	1109551	29282	36.2	7.939	810		30.4					90

USAFETAC FORM AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — NOV MONTH

PAGE 1 — 00-05 GMT

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Dew Point
/ 59						.1												1	1		
/ 57.				.4														3.	3		
5 / 55		.9	.6	.7		.4												21	21		
/ 53.		2.6	1.1	.4	.2	.1												36.	36.	15.	1
/ 51	.4	1.5	.5	.4	.2		.1											25	25	32	23
/ 49.	.1	1.4	.1	.5	.1													15.	18.	35.	14
/ 47	1.0	2.1	.6	.5	.1	.2	.2											39	39	27	33
/ 45.	.7	4.2	2.9	2.1	.5	.2												66.	66.	39.	23
47 / 43	1.2	6.3	2.5	1.1	.9	.2												96	95	63	31
/ 41.	.6	5.8	3.2	1.6	.1													92.	92.	75.	59
/ 39	1.1	5.2	2.9	1.0	.1													83	83	97	61
/ 37.	3.7	2.2	2.4	.6														72.	72.	126.	78
/ 35	.4	4.7	2.7	.1														64	64	74	72
/ 33.	.1	3.1	2.4	.1														46.	46.	56.	65
/ 31		3.3	1.0	.5														39	39	70	31
/ 29.		5.3	.4	.1														47.	47.	50.	29
/ 27	1.1	2.1																26	29	49	104
/ 25.	.2	1.0																10.	10.	17.	51
/ 23	.1	.4																4	4	4	43
2/ 21.																					19
/ 19																					4
/ 17.																					1
/ 15																					4
TOTAL	.1	35.1	23.0	10.2	2.4	1.4	.4												509.		825
																		806		806	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Ref. Hum.	5435264	65338	81.1	13.126	806							
Dry Bulb	1364962	32706	40.4	7.269	809		14.4					90
Wet Bulb	1206478	30662	38.1	6.916	806		21.2					90
Dew Point	1028350	28052	34.8	8.039	806		36.4					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24 STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — NOV

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL DB	TOTAL WB	TOTAL Dew Point	TOTAL Rel. Hum.
72/ 69								.1													
71/ 69							.1														
70/ 67				.1		.1															
69/ 65		.5	.5	.5														1	1		
68/ 62	.1	2.1	1.1	.4		.1												4	4		
67/ 61	.4	1.2	.5	.2	.5													4	4		
66/ 59	.1	.9	.2	.5	.1													1	1		
65/ 47	.9	2.5	.5	.5	.2													4	4		
64/ 45	.7	4.0	1.9	1.5	.1	.1												5	5		
63/ 43	1.2	4.1	.9	1.6	.5	.2												7	7		
62/ 41	.2	3.0	1.1	2.0														5			
61/ 39	1.9	5.1	3.6	.9	.2													4	4		
60/ 37	4.4	4.1	2.3	.9														5	5		
59/ 35	.5	6.4	3.1	.1														3	3	1.3	
58/ 33	.5	4.4	2.3															5		.3	
57/ 31	.1	2.5	.6	.1														3	2.5		
56/ 29	.4	5.7	.7															6.5	6.5		
55/ 27	1.7	4.1																4.7	4.3	.5	
54/ 25	.4	1.7																1.7	1.7	.7	
53/ 23	.1	.9																.4	.4	.1	
52/ 21	.1																	.1	.1		
51/ 19																					
50/ 17																					
TOTAL	1.0	15.4	30.3	19.4	9.4	2.0	.6	.1	.1									5.9	1.7	.9	8.9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	55427.2	66478	82.2	12.686	809							
Dry Bulb	1263077	31831	39.1	7.447	810		17.7					
Wet Bulb	1142.39	29865	36.9	7.358	809		25.9					
Dew Point	977317	27347	33.8	8.391	809		42.5					

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORPEDO AS SP (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PAGE 1 03-11-0 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
47/ 53							.1											1	1		
1/ 59			.4		.4	.1	.2											9	9		
7/ 57		.1	.6	.7	.7	.2												20	20		
5/ 55		1.2	1.1	.7	.5	.4	.1											33	33	[illegible]	
1/ 53	.2	1.0	2.3	1.7	1.0	.5	.2											57	57	19	11
2/ 51	.7	1.7	2.2	1.9	.9	.1	.2											61	61	42	23
7/ 49	.4	1.5	1.1	.2	.7	.5												36	35	60	15
1/ 47	.5	2.8	2.6	1.6	.9	.2												73	73	57	39
7/ 45	1.6	5.8	2.8	2.6	2.0	.5												126	126	78	87
4/ 43	1.6	3.1	2.3	2.3	.5													80	80	88	71
2/ 41	.4	3.7	3.0	1.7	.1													72	72	77	55
1/ 39	1.2	3.3	3.2	1.4	.2													76	76	53	72
2/ 37	1.0	2.0	2.5	.7														50	50	84	56
1/ 35		3.1	1.9	.1														42	42	61	64
3/ 33	.4	2.3	1.2	.1														33	33	67	58
1/ 31		1.0	.2	.1														11	11	39	46
7/ 29	.2	1.7	.1															17	17	22	67
1/ 27	.7	.6																8	8	15	72
7/ 25	.1	.7																7	7	0	40
1/ 23																				1	24
2/ 21																					5
7/ 19																					3
7/ 17																					2
TOTAL	.9	35.6	47.7	16.3	8.0	2.6	1.0											617	810	810	810

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4955146	62156	76.7	14.939	810							
Dry Bulb	1531631	35581	44.3	7.222	810		4.8					90
Wet Bulb	1395594	33190	41.0	6.636	810		9.4					90
Dew Point	1156872	29934	37.0	7.912	810		29.3					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — NO. [illegible]

PAGE 1 — 16[illegible]0-1[illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point	≥F
/ 71										.1								1	1		
/ 69									.6	.2								7	7		
/ 67					.3		.2	.2	.1									5	5		
6/ 65					.1	.1	1.0		.2	.1								13	13		
4/ 63				.5	.6	3.2	1.5	1.9	.2									54	54		
/ 61			.1	1.1	2.1	2.6	1.0	.2	.1									59	59		
/ 59		.1	.7	.7	2.7	1.4	1.7	.4										53	53	5	
/ 57		1.1	.7	3.6	3.1	1.6	1.2	.1										73	73	7	
5 / 55		1.1	1.7	4.4	2.2	2.5	.7	.6										108	108	15	1
4/ 53		.5	2.0	1.9	3.3	1.6	1.0	.1										84	84	77	13
/ 51	.1	1.5	1.1	1.6	2.7	.9	1.1											73	73	112	23
5 / 49		1.6	1.1	.5	1.1	1.1	.1											45	45	122	23
/ 47	.6	1.2	1.1	1.7	1.6	1.1	.2											52	52	95	53
/ 45	.5	1.0	2.2	2.5	2.3	.9	.1											80	80	96	142
4/ 43	.2	.5	.5	1.4	.2	.2												25	25	67	77
2/ 41	.1	.6	.4	.2	.1													12	12	73	66
/ 39		1.1	.5	.1														14	14	56	65
/ 37																				40	59
/ 35																				14	65
3-/ 33																				5	61
/ 31																					25
/ 29																					41
/ 27																					30
/ 25																					20
/ 23																					10
2/ 21																					7
/ 19																					2
/ 17																					2
/ 15																					2
TOTAL	1.6	10.4	12.2	20.6	22.5	17.2	10.0	3.6	1.4	.5									809		809
																		809		809	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	3131915	48945	60.5	16.528	809							
Dry Bulb	2398145	43737	54.1	6.448	809			1.6				[illegible]
Wet Bulb	1515548	38080	47.1	5.347	809							[illegible]
Dew Point	1324500	32152	39.7	7.608	809		15.8					[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

270 (STATION) IORREJON AB SP (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
1/ 75									.1	.1	.1							3	3		
4/ 73								.1	.2		.7							9	9		
/ 71								.1	.5	.2	.1							8	9		
1/ 69					.1	.1	.1	.5	.5	.5		.1						16	16		
/ 67						.5	.4	.5	.2	.1	.1							15	15		
5/ 65					.6	.5	2.6	.6	.6									4[illegible]	4[illegible]		
4/ 63					1.2	5.6	2.6	3.6	1.1	.2								118	118		
1/ 61			.1	.4	3.3	3.3	1.9	.9	.4									83	83	1	
/ 59			.2	1.2	4.1	2.3	3.2	1.2										99	99	6	
1/ 57		1.1	1.2	.6	2.1	2.0	.7	.6										67	67	17	
6/ 55	.1	1.1	1.3	1.5	2.0	3.0	1.1	1.9										94	94	65	11
1/ 53	.1	.5	1.6	1.0	2.2	1.6	1.4	.6										73	73	127	9
1/ 51	.4	1.2	1.5	.6	1.9	1.4	1.1	.1										66	66	120	33
1/ 49		.2	.4	.6	.9	.5	.1											22	22	116	23
1/ 47	.2	.4	.9	1.5	1.0	.5	.4											39	39	89	65
1/ 45	.4	1.1	.2	1.1	2.1	.4	.1											43	43	75	136
4/ 43		.5	.1	.1		.2												8	8	69	63
2/ 41		.1																1	1	67	76
1/ 39		.6																5	5	26	64
2/ 37																				23	60
/ 35																				1	72
3/ 33																				3	61
/ 31																					19
/ 29																					35
/ 27																					36
/ 25																					23
/ 23																					14
2/ 21																					8
/ 19																					1
1/ 15																					1
/ 13																					2
TOTAL	1.2	6.3	7.3	8.7	21.3	21.9	15.7	11.0	3.7	1.2	1.1	.1						809	809		809
																		809		809	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2576397	43543	53.8	16.995	809							
Dry Bulb	2711063	46517	57.5	6.714	809			5.7	1.3			90
Wet Bulb	1938338	39380	48.7	5.149	809							90
Dew Point	1321040	32088	39.7	7.732	809		15.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PAGE 1 1800-2700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69										.2								2	2		
/ 67								.1										1	1		
6/ 65					.1		.2		.4									6	6		
4/ 63				.1	.1	.7	.6	.9	.4									23	23		
/ 61				.1	1.1	1.5	.6											27	27		
/ 59		.1	.4	.4	1.0	.7	1.2											31	31	1	
/ 57		.5	.9	1.7	1.1	2.0	1.0	.1										59	59	3	
5 / 55	.1	2.1	1.5	2.5	1.5	2.0	.4	.1										82	82	12	3
/ 53	.1	1.6	2.0	2.2	2.2	1.7	.2	.1										83	83	54	14
2/ 51	.4	2.3	3.0	3.0	2.1	.6	.6											94	94	70	33
5 / 49	.2	.9	2.2	1.0	.9	.5	.5											50	50	95	15
/ 47	.1	1.6	2.8	2.6	1.2	1.0	.2											78	78	97	47
4 / 45	.4	3.3	3.0	4.1	2.3	.4												109	109	95	101
4/ 43	.1	2.0	1.7	1.9	.7	.2												54	54	102	67
2/ 41		1.5	2.7	1.7	.6													53	53	68	62
/ 39		1.3	1.2	.2	.2													27	27	79	61
/ 37	.2	.7	.7	.4	.1													18	18	64	75
/ 35		.4	.6		.1													9	9	39	64
3 / 33		.2	.1	.1														4	4	19	68
2/ 31																				6	38
/ 29																				3	52
/ 27																				1	45
/ 25																					17
/ 23																					15
2/ 21																					8
/ 19																					1
/ 17																					1
/ 15																					3
TOTAL	1.7	18.5	22.8	22.0	15.6	11.4	5.7	1.4	.7	.2								810	810	810	810

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3777975	53671	66.3	16.555	810							
Dry Bulb	2076369	40665	50.2	6.748	810			.3				90
Wet Bulb	1643471	36187	44.7	5.753	810		1.3					90
Dew Point	1250993	31229	38.6	7.620	810		20.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
4227	TORREJON AB SP	73-81	NOV

PAGE 1 HOURS (L.S.T.) 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 61						.1	.1													2	2	
≥ 59				.1	.6		.4													9	9	
≥ 57		.1		.9	.1	.6	.1													15	15	
55 / 55	.1	1.4	.7	.5	.2	.5														28	28	2	1
≥ 53		2.1	1.1	1.5	1.0	.1	.4													50	57	20	7
≥ 51	.5	2.6	1.2	1.4	1.4	.2	.1	.1												59	59	37	21
50 / 49		1.2	1.6	1.1	1.1	.1	.1													43	43	44	14
≥ 47	.1	3.2	4.3	2.6	.7	.9														94	94	56	34
≥ 45	.9	7.0	4.4	4.0	2.1	.5														153	153	80	66
42 / 43	1.1	4.3	3.3	2.3	.4															93	93	121	72
≥ 41		3.7	2.7	1.1	.7	.1														68	68	96	65
≥ 39	.1	2.5	4.9	.9	.5															72	72	93	66
≥ 37	.1	1.6	2.3	.6																38	38	69	87
≥ 35		2.2	1.9	.4																34	34	66	69
33 / 33	.2	2.6	.6	.2																30	37	54	67
≥ 31		.6	.5	.1																12	12	44	33
≥ 29		1.1	.2																	11	11	13	76
≥ 27																						11	53
≥ 25																							25
≥ 23																							21
≥ 21																							13
≥ 19																							5
≥ 17																							4
TOTAL	3.2	35.3	29.8	17.7	8.9	3.2	1.2	.1												89		89	
																		809			809	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4063256	60238	74.5	14.640	809							
Dry Bulb	1662159	36373	45.0	6.372	809		2.3					90
Wet Bulb	1407377	33391	41.3	6.010	809		7.6					90
Dew Point	1143986	29794	36.8	7.605	809		26.7					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
273	TORREJON AB SP	73-81	NOV

PAGE 1 — HOURS: ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5/ 75									.0	.0	.0							3	3		
4/ 73								.0	.0		.1							9	9		
7/ 71								.0	.1	.0	.0							9	9		
/ 69					.0	.0	.0	.1	.1	.1		.0						25	25		
5/ 67					.0	.1	.1	.1	.0	.0	.0							22	22		
6/ 65					.1	.1	.5	.1	.2	.0								59	59		
4/ 63				.1	.2	1.2	.6	.8	.2	.0								207	207		
/ 61			.0	.2	.8	.9	.4	.1	.1									171	171	1	
/ 59		.0	.2	.4	1.1	.6	.9	.2										218	218	14	
/ 57		.4	.4	1.1	.9	.8	.4	.1										268	268	29	
5/ 55	.1	1.2	1.0	1.4	.8	1.1	.3	.3										399	399	124	26
4/ 53	.1	1.7	1.5	1.2	1.3	.8	.4	.1										454	454	343	67
2/ 51	.4	1.7	1.3	1.2	1.3	.4	.4	.0										439	439	473	166
5/ 49	.2	1.1	1.0	.6	.6	.4	.1											261	261	536	144
/ 47	.5	2.0	1.9	1.5	.8	.5	.1											452	452	492	343
/ 45	.8	4.2	2.8	2.6	1.6	.4	.0											806	806	548	653
4/ 43	.8	3.1	2.0	1.6	.5	.2												525	525	660	475
2/ 41	.2	3.1	1.9	1.1	.2	.0												421	421	608	465
/ 39	.5	2.8	2.4	.7	.2													437	437	582	546
/ 37	1.3	1.7	1.7	.5	.1													340	340	564	543
/ 35	.2	2.5	1.8	.2	.1													301	301	423	574
34/ 33	.2	1.8	1.0	.1														205	205	373	498
/ 31	.0	1.3	.4	.1														121	121	298	276
/ 29	.1	2.0	.2	.0														150	150	174	477
/ 27	.4	1.0																94	99	166	519
/ 25	.1	.4																34	34	57	296
/ 23	.0	.2																12	12	15	206
2/ 21	.1																	1	1	2	115
/ 19																					27
/ 17																					19
/ 15																					11
/ 13																					2
TOTAL	5.1	32.3	21.4	14.7	10.7	7.5	4.3	2.0	.7	.2	.1	.0						6472	5475	6472	6472

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	35361653	464221	71.7	17.860	6472							
Dry Bulb	14640576	302024	46.6	9.258	6475		46.3	7.6	1.3			720
Wet Bulb	11564233	272969	42.2	7.367	6472		79.2					720
Dew Point	9312608	239878	37.1	8.074	6472		216.7					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
/ 57		.5	.5	.1														9	9		
5 / 55		1.4	.4	.5														19	19	7	2
4 / 53	.4	2.3	1.6	.1														36	36	22	14
2 / 51	.6	2.4	1.2	.1														36	36	30	23
/ 49	.2	2.2	1.4	.2	.1													35	35	40	27
2 / 47	.4	4.9	1.4	.6														61	61	38	30
/ 45	.7	5.6	1.9	.7	.1													84	84	73	80
4 / 43	1.2	3.7	1.6	.6	.1													60	60	71	65
/ 41	.2	4.1	1.2	.6														53	53	49	31
1 / 39	.1	4.7	3.1	.7														72	72	50	47
/ 37	.8	3.7	3.2	.4														68	68	65	46
2 / 35	.5	7.5	2.5	.2														90	90	73	67
3 / 33	.5	4.1	2.3	.7	.1													54	64	100	55
2 / 31	.2	3.8	.8	.6														46	46	63	60
/ 29	.2	4.5	.8	.4														50	50	56	60
2 / 27	1.2	3.1	.8															43	43	54	82
/ 25	.2	.8																9	9	31	60
2 / 23	.1	.1																2	2	15	26
2 / 21																					25
/ 19																					13
/ 17																					14
1 / 15																					3
/ 13																					4
1 / 11																					6
TOTAL	7.6	60.3	24.7	6.8	.5													837	837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5792463	69010	82.4	11.080	837							
Dry Bulb	1411523	33741	40.3	7.838	837		16.7					93
Wet Bulb	1272288	31964	38.2	7.858	837		24.3					93
Dew Point	1110253	29487	35.2	9.244	837		39.2					9

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]27 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 2300-0500 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59					.1													1	1		
/ 57		.6		.1	.1	.1												8	8		
5 / 55		1.3		.4														14	14	5	
4 / 53		2.3	.5	.6														28	28	15	13
3 / 51	.2	2.[illegible]	1.8	.1														35	35	26	12
2 / 49	.6	1.4	.5															21	21	44	26
1 / 47	.6	3.8	1.[illegible]	.5														49	49	34	25
0 / 45	1.1	7.4	2.3	.5	.1													95	95	63	63
-1 / 43	1.4	3.3	.7	.5														50	50	70	50
-2 / 41	.2	5.3	.6	.4														54	54	45	43
/ 39	.4	4.5	1.4	.6														60	60	44	56
-4 / 37	1.1	4.4	2.9	.4														73	73	56	52
-5 / 35	.2	4.5	2.[illegible]	.4														60	60	63	42
3-6 / 33	.6	5.3	1.9	1.2	.2													77	77	77	45
-7 / 31		2.[illegible]	.5		.1													22	22	72	28
-8 / 29	.2	6.2	.4	.6														62	62	59	61
-9 / 27	1.2	6.5	1.8															79	79	55	92
-10 / 25	.6	3.3																33	33	63	50
-11 / 23	.5	1.1																13	13	36	52
-12 / 21		.1																1	1	3	46
-13 / 19		.2																2	2	1	29
-14 / 17																				2	13
-15 / 15																					4
-16 / 13																					4
1 -17 / 11																					9
-18 / 9																					2
TOTAL	9.1	65.9	18.2	6.1	.7	.1													837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	
Rel. Hum.	5898732	69672	83.2	10.894	837							
Dry Bulb	1318969	32455	38.8	8.508	837		23.6					93
Wet Bulb	1194365	30817	36.8	8.454	837		32.6					93
Dew Point	1045881	28431	34.0	9.791	837		43.3					93

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727 (STATION) TORREJON AB SP (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59					.4													3	3		
/ 57		.5	.1	.2														7	7		
5 / 55		.8		.2	.2													11	11	4	
4/ 53		1.6	1.2	.6	.1													29	29	8	9
/ 51	.1	2.2	1.3	.1														28	28	31	7
/ 49	.4	2.2	.6															26	26	41	19
/ 47	.7	3.2	.4	.1														37	37	43	37
2/ 45	1.4	8.8	1.7	.1														101	101	51	86
4/ 43	1.2	3.7	1.4	.4														56	56	73	46
2/ 41	.2	4.7	.1	.1														43	43	45	53
/ 39	.4	5.3	1.2	.5														61	61	43	46
/ 37	.7	3.3	2.9	.1														59	59	54	53
/ 35	.4	5.3	1.4	.1	.1													59	59	52	44
2 / 33	.2	3.6	1.7	.7														52	52	77	42
/ 31		2.2	1.4	.2	.2													34	34	44	22
/ 29	.5	7.2	.1	.4														68	68	91	55
/ 27	1.8	5.4	.8	.4														70	70	48	77
/ 25	.7	5.7	.1															55	55	72	62
/ 23	.5	3.0																29	29	52	53
2/ 21	.5																	5	5	14	51
/ 19	.1	.1																2	2	1	38
/ 17		.2																2	2	2	21
/ 15																				1	6
/ 13																					1
1 / 11																					7
/ 9																					8
TOTAL	.9	55.6	15.1	4.5	1.1														837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5782	70310	63.9	10.540	837							
Dry Bulb	1277171	31819	38.0	8.989	837		29.4					93
Wet Bulb	1161559	30295	36.2	8.823	837		35.0					93
Dew Point	1019511	27975	33.4	10.054	837		44.2					93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727	TORREJON AB SP	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 61			.1			.1												2	2		
/ 59		.1	.2		.1													4	4		
/ 57		.6	.2	.4	.4													13	13	2	
5 / 55		1.5	.2	.5	.1													15	15	7	1
/ 53	.1	2.2	1.6	.7	.5													42	42	15	13
/ 51	.1	1.6	1.1	.2	.1													26	26	32	18
/ 49	.4	3.[illegible]	1.1		.1													38	38	50	14
/ 47	.5	3.5	1.1	.7														51	51	46	35
/ 45	1.9	7.8	1.8	1.1	.1													106	106	54	91
4 / 43	.4	3.1	2.4	1.1		.1												59	59	59	52
2 / 41	.1	6.[illegible]	1.1	.4	.2	.1												66	66	54	51
/ 39	.1	5.1	3.0	.4	.2													74	74	55	53
/ 37	1.3	3.0	3.2	.5	.2													69	69	56	66
/ 35	.7	6.1	1.8	.5														76	76	66	58
3 / 33		3.7	1.4	.8	.2													52	52	89	54
/ 31	.1	2.4	.8	.1														29	29	67	29
/ 29	.4	3.9	.6															41	41	43	64
/ 27	1.0	3.3	.2	.2														40	40	44	69
/ 25	.4	2.[illegible]																20	20	33	41
/ 23		1.0																8	8	17	34
2 / 21	.4	.1																4	4	5	26
/ 19		.1																1	1	1	20
/ 17	.1																	1	1	2	12
1 / 15																					5
/ 13																					3
1 / 11																					3
/ 9																					3
TOTAL	8.2	59.5	22.0	7.5	2.4	.4												837	837	837	837

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5754395	68695	82.1	11.800	837							
Dry Bulb	1438204	34100	40.6	8.203	837		16.0					93
Wet Bulb	1287125	32125	38.4	8.045	837		23.6					93
Dew Point	1117053	29583	35.3	9.246	837		36.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 (STATION) TORREJON AB, SP (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 1200-1400 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
67/ 66									.1									1	1		
64/ 62				.7	.2		.1	.1										10	10		
61/ 61			.2	.1			.7											9	9		
61/ 59		.2	.6	.1	.6	.8												20	20		
61/ 57		1.0	1.4	1.8	.7	.7	.1	.1										49	49	12	
59/ 55		.6	2.3	1.6	1.4	1.3	.4											63	63	14	9
61/ 55		1.4	1.9	1.6	1.7	1.2												65	65	24	13
61/ 51	1.1	2.0	3.3	1.3	3.1	.6	.1	.1										97	97	74	28
61/ 49	.4	1.1	2.2	1.1	1.3	.5												54	54	69	36
61/ 47	.2	2.5	3.6	3.2	1.3	.7	.2											99	99	82	42
61/ 45	.5	4.1	4.2	4.1	2.8	.5	.5											138	138	87	63
64/ 43	.2	2.5	2.6	2.4	.7	.1	.4											77	77	105	41
61/ 41	.2	2.8	3.1	1.6	.1		.1											66	67	109	72
61/ 39	.6	2.3	1.3	1.4	.5	.1												52	52	92	88
61/ 37	.4	1.2	.8	.2	.1													23	23	77	97
61/ 35		.6	.5	.4														12	12	46	88
3/ 33																				28	65
61/ 31				.1														1	1	10	37
61/ 29																				6	37
61/ 27																				1	45
61/ 25																					15
61/ 23																					10
61/ 21																					5
61/ 19																					5
61/ 17																					5
1/ 15																					4
1/ 11																					5
61/ 7																					2
TOTAL	3	522	528	121	714	6	6	2	6	.4	.1								837		836
																		836		836	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4262.5	58621	70.1	16.071	836							
Dry Bulb	19822.4	40408	48.3	6.131	837		.1					93
Wet Bulb	16233.9	36514	43.7	5.840	836		1.9					93
Dew Point	1283376	32240	38.3	8.148	836		19.2					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION | TORREJON AB SP STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 1 | 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67									.2									2	2		
6/ 65						.2		.1	.1									4	4		
4/ 63				.8	.2	.4	.1	1.1										22	22		
/ 61		.1	.4	.4	.4	.5	.7	.1	.2									23	23		
/ 59		.2	.4	1.2	1.9	1.2	1.8	.1										57	57	1	
/ 57		.7	2.3	1.2		1.8	.6	.2										57	57	15	1
5 / 55		1.2	1.8	2.9	1.1	.7	.2											66	66	71	4
4/ 53		1.9	1.6	2.5	4.7	1.8	.4	.1										104	104	48	14
/ 51	.5	.7	4.9	2.3	4.4	1.8	.5	.1										126	126	65	43
5 / 49		1.9	1.2	2.2	2.5	.8	.2	.1										75	75	95	33
/ 47	.1	1.6	2.3	2.9	1.4	.7	.4											78	78	99	53
/ 45	.2	4.4	3.3	3.2	2.4	1.2	.1											125	125	114	82
4/ 43	.1	1.4	1.0	.4	.6	.1	.2											32	32	133	61
2/ 41		1.5	.8	.6	1.3	.1	.1											38	38	105	68
/ 39		1.1	.2	.2	.7													19	19	43	88
2 / 37		.1	.1		.1													3	3	53	107
/ 35		.5	.1															5	5	15	87
2 / 33	.1																	1	1	18	54
2 / 31																				13	16
/ 29																				2	30
/ 27																					45
/ 25																					19
/ 23																					9
2/ 21																					7
/ 19																					5
/ 17																					10
1 / 15																					2
1 / 11																					2
/ 7																					3
TOTAL	1.1	17.4	2.3	19.7	21.7	11.4	5.7	2.0	.6									837			837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	3776614	54408	65.0	16.940	837							
Dry Bulb	2214113	42759	51.1	5.953	837			.2				.3
Wet Bulb	1742897	37919	45.3	5.472	837		1.3					93
Dew Point	1316571	32513	38.8	8.156	837		16.4					93

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — TORREJON AB SP STATION NAME — 73-81 YEARS — DEC MONTH

PAGE 1 — 1800-2000 HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
7 / 61			.1	.1	.2													4	4		
1 / 59			.7	.5	.2	.1												13	13		
7 / 57		.6	.2	.5	.1	.2												14	14	1	
5 / 55	.1	1.9	1.2	1.1	.4	.6												43	43	13	4
7 / 53	.1	1.9	2.5	1.3	.8	.1												57	57	34	12
1 / 51	.4	1.9	3.3	.5	.7	.2												69	69	73	22
3 / 49	.2	2.0	2.5	.8	.7		.1											64	64	67	43
1 / 47	.1	3.6	2.7	2.3	.6	.1												79	79	66	41
7 / 45	.5	7.0	4.8	3.9	1.7	.2	.1											156	156	76	100
4 / 43	.2	2.7	3.1	2.5	1.1													83	83	123	59
2 / 41		4.3	4.8	1.4	.2													90	90	82	65
1 / 39	.1	2.9	3.2	1.1	.6	.1												65	65	123	51
7 / 37	.1	1.6	2.7	.8	.5	.1												49	49	74	63
1 / 35	.1	1.1	1.6	1.2	.1	.1												35	35	64	41
3 / 33		1.2	1.4	.2	.1													25	25	48	66
1 / 31		.2	.1	.2														5	5	40	34
7 / 29		.1	.5															6	6	19	39
1 / 27			.1															1	1	6	54
7 / 25																				6	67
1 / 23																					12
2 / 21																					4
1 / 19																					4
7 / 17																					5
1 / 15																					5
7 / 13																					1
1 / 11																					2
7 / 9																					3
TOTAL	2.4	33.1	35.7	18.2	8.4	2.0	.2											537	537	537	537
																		537		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4949172	62606	74.9	13.722	837							
Dry Bulb	1763503	38047	45.5	6.362	837		1.2					73
Wet Bulb	1533963	35063	41.9	6.482	837		7.9					73
Dew Point	1241111	31443	37.6	8.466	837		23.8					73

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible] [illegible]
STATION STATION NAME

73-81
YEARS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]		.[illegible]																				
/ [illegible]7		.[illegible]	.[illegible]	.1		.1												1[illegible]		1[illegible]	[illegible]	
/ [illegible]		1.4	.[illegible]	.5														[illegible]		[illegible]	[illegible]	
/ [illegible]		1.3	1.4	.5	.[illegible]													[illegible]		[illegible]	[illegible]	[illegible]
/ [illegible]	.7	[illegible]	1.[illegible]	.[illegible]	.[illegible]													[illegible]		[illegible]	[illegible]	
/ [illegible]	.1	2.[illegible]	1.3	.2														[illegible]1		[illegible]1		[illegible]
/ [illegible]7	.[illegible]	4.2	2.[illegible]	.7	.1													[illegible]		[illegible]	[illegible]	[illegible]
/ [illegible]	1.[illegible]	5.4	2.7	1.5	.[illegible]		.1											1.2		1.2	[illegible]	[illegible]
/ [illegible]3	.7	[illegible]	.[illegible]	1.[illegible]	.[illegible]													[illegible]3		[illegible]7	[illegible]	[illegible]
/ 41	.[illegible]	4.5	3.[illegible]	.7														7[illegible]		7[illegible]	[illegible]	[illegible]
/ [illegible]	.2	4.7	3.9	1.[illegible]	.1													[illegible]3		[illegible]7	[illegible]	[illegible]
/ 37	1.2	3.5	[illegible].9	1.[illegible]														74		[illegible]4	[illegible]	[illegible]
/ [illegible]	.1	5.5	3.1	.7	.[illegible]													67		67	[illegible]7	[illegible]
/ [illegible]3	.[illegible]	3.3	1.7	.4	.1													45		48	77	[illegible]
/ 3[illegible]	.[illegible]	1.[illegible]	1.3	.1	.1													71		31	[illegible]	[illegible]7
/ [illegible]		[illegible].4	1.[illegible]	.4														[illegible]		[illegible]	[illegible]	[illegible]
/ [illegible]	.[illegible]	1.[illegible]	.[illegible]															1[illegible]		[illegible]4	[illegible]	[illegible]
/ 25		.1	.1															[illegible]			[illegible]	[illegible]
/ 2[illegible]																					[illegible]	2[illegible]
/ 21																						1[illegible]
/ [illegible]																						[illegible]
/ 17																						[illegible]
/ 1[illegible]																						[illegible]
1 / 11																						[illegible]
/ [illegible]																						
TOTAL	.6	51.[illegible]	31.7	9.6	1.9	.1	.1													[illegible]7		[illegible]7
																		837			[illegible]7	

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]533412	67[illegible]86	6[illegible].4	12.179	837							
Dry Bulb	151[illegible]937	35165	42.[illegible]	7.134	837		9.4					[illegible]
Wet Bulb	134[illegible]67	33[illegible]2	39.5	7.247	837		17.7					[illegible]
Dew Point	1161436	3[illegible]25[illegible]	36.2	8.885	837		32.3					[illegible]

Mean No. of Hours with Temperature

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 STATION | TURREJOS AB SP STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 1 | ALL HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67									.2									2.	2.		
65						.2		.2	.2									6.	6.		
63				.2	.1	.3	.3	.1										12.	12.		
61		.2	.1	.1	.1	.1	.2	.2	.2									13.	13.		
59		.1	.2	.2	.4	.3	.2	.1										13.	13.	1.	
57		.7	.6	.5	.2	.4	.1	.2										169.	169.	32.	1.
55	.1	1.2	.5	.9	.4	.3	.1											254	254	75	25
53	.1	1.9	1.5	1.2	1.2	.4	.2	.2										393.	393.	185.	97
51	.4	1.9	2.3	.6	1.1	.3	.1	.										446	446	315	175
49	.2	2.2	1.3	.6	.6	.2	.2	.2										334.	334.	455.	167
47	.4	3.4	1.9	1.4	.4	.2	.1											520	520	452	296
45	1.2	6.5	2.5	1.9	1.2	.2	.1											927.	927.	622.	711
43	.7	3.2	2.7	1.1	.4	.2	.1											570	570	776	439
41	.1	4.1	1.8	.7	.2	.2	.2											482.	481.	553.	444
39	.2	3.8	2.2	.7	.3	.1												466	466	486	472
37	.2	2.6	2.3	.4	.1	.3												418.	418.	572.	557
35	.3	3.5	1.7	.4	.1	.1												404	404	456	545
33	.2	2.8	1.3	.5	.1													319.	319.	514.	447
31	.1	1.6	.6	.2	.1													168	168	375	263
29	.2	3.2	.5	.2														264.	264.	302.	421
27	.7	2.4	.5	.1														247	247	276	563
25	.2	1.2	.2															117.	117.	225.	318
23	.1	.5																62	62	126	216
21	.1	.1																12.	12.	22.	183
19	.1	.1																5	5	3	137
17	.1	.1																3.	3.	6.	68
15																				1	32
13																					13
11																					39
																					23
TAL	.947	32.4	61.1	7.7	6.4	2.6	1.1	.3	.1										6696		6695
																		6695.		6695.	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4x139x2	520571	77.8	14.648	6695							
Dry Bulb	12x2554	286794	43.1	8.681	6696		96.4	.7				744
Wet Bulb	111345x3	267749	40.0	7.984	6695		144.2					744
Dew Point	92971x2	241752	36.1	9.209	6695		255.1					744

USAFETAC FORM AW 64 0 26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 270 — STATION
TORREJON AB SP — STATION NAME
73-81 — YEARS
ALL — MONTH
PAGE 1
ALL — HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 120																	.0	3	3			
115-119																	.0	3	3			
110-114																	.0	25	25			
105-109																.0	.1	128	128			
100-104															.0	.0	.2	172	172			
95-99													.0	.0	.1	.1	.2	299	299			
90-94												.0	.0	.1	.2	.2	.1	392	392			
85-89										.0	.0	.0	.1	.2	.3	.1	.0	551	551			
80-84										.0	.0	.1	.2	.4	.2	.1	.0	862	862			
75-79										.0	.0	.3	.2	.4	.1	.0	.0	855	855			
70-74									.0	.0	.1	.1	.2	.1	.0	.0		476	476			
65-69								.0	.0	.1	.4	.3	.3	.1	.0			1008	1008			
60-64						.0	.0	.1	.2	.6	.5	.7	.2	.1	.0			1845	1845			
55-59						.0	.1	.1	.4	.3	.5	.2	.1	.0	.0			1374	1374			
50-54				.0		.0	.1	.3	.4	.4	.3	.1	.0	.0				1335	1335			
45-49					.0	.1	.3	.4	.6	.4	.2	.1	.0					1604	1604			
40-44				.0	.1	.2	.5	.4	.5	.3	.2	.0	.0					1648	1648	2		
35-39			.0	.0	.1	.3	.6	.4	.6	.3	.1	.0						1977	1979	23		
30-34		.0	.0	.1	.3	.5	.5	.6	.4	.2	.1	.0						2108	2109	145	1	
25-29			.1	.1	.3	.3	.3	.3	.2	.1	.0							1288	1288	795	1	
20-24			.2	.2	.5	.5	.6	.4	.3	.1	.0							2357	2357	1896	6	
15-19	.0	.2	.3	.9	.8	1.3	1.0	.7	.2	.1	.0							4441	4444	3311	126	
10-14	.0	.2	.5	.6	.7	1.1	.7	.3	.1	.0	.0							3410	3411	3734	421	
5-9	.1	.3	.6	.5	1.1	.6	.5	.2	.1	.0								3127	3127	4101	853	
0-4	.1	.7	.7	1.2	.9	.8	.4	.1	.0	.0								3773	3775	4450	1454	
-5-0	.1	.9	.8	1.2	.8	.7	.3	.1	.0									3876	3880	4556	2371	
-10-5	.1	1.0	1.2	1.3	1.0	.5	.3	.0	.0									4250	4252	4941	3315	
-15-10	.2	1.1	1.6	1.0	.8	.3	.2	.0										4194	4195	5593	4271	
-20-15	.1	1.1	1.1	.6	.5	.2	.0	.0										2725	2725	5671	3012	
-25-20	.2	1.6	1.5	1.0	.5	.3	.1											4032	4037	5675	5397	
-30-25	.4	3.1	1.9	1.2	.7	.2	.0											5937	5938	5622	5201	
-35-30	.3	1.8	1.3	.8	.4	.1	.1											3578	3578	5383	6744	
-40-35	.2	1.8	1.1	.7	.1	.0	.0											3137	3138	4562	5971	
≤ -45	.2	1.6	1.2	.4	.1	.0												2803	2803	3796	6062	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 STATION — IDRREWUN AB SP STATION NAME — 73-81 YEARS — ALL MONTH

PAGE 2 — ALL HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 37	.4	1.1	.9	.3	.2	.2												2187	2187	3516	5305
/ 35	.4	1.3	.9	.2	.2	.2												1952	1952	2815	4811
3-/ 33	.1	1.2	.6	.1	.2													1489	1489	2433	3578
/ 31	.2	.6	.3	.1	.2													782	772	1985	2135
/ 29	.1	1.1	.2	.0														1071	1071	1391	3313
/ 27	.3	.7	.1	.0														926	911	1075	3605
/ 25	.1	.4	.2	.2														426	426	770	2358
/ 23	.1	.2	.1															196	196	347	1567
/ 21	.0	.1	.2															76	76	175	883
/ 19	.1	.1	.2															22	22	45	517
/ 17	.0	.0																12	12	26	313
/ 15																				12	125
/ 13																					45
1-/ 11	.0																	1	1	1	58
/ 9																					39
/ 7																					6
TOT	.321	.917	.312	.3	9.8	8.1	6.7	4.6	3.9	2.9	2.5	1.9	1.4	1.4	1.0	.6	.6	78692	78722	78692	78692

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	345712251	4921223	62.5	22.018	78692							
Dry Bulb	265561141	4407609	56.0	15.446	78722		397.0	1995.3	1398.4	824.9	113.5	8752
Wet Bulb	193427367	3789081	48.2	10.070	78692		630.5	107.3	.2			8760
Dew Point	139616024	3233538	41.1	9.261	78692		1538.0	.2				8760

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

TUPELO AS OP 73-81

STATION NAME YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
-02	MEAN	38.1	41.1	45.4	46.5	52.3	61.4	67.6	66.1	61.3	51.5	42.6	40.5	51.1
	S D	7.203	6.985	6.398	5.772	6.236	6.059	6.118	5.674	6.691	6.741	6.515	7.676	12.385
	TOTAL OBS	837	762	837	787	836	816	837	837	816	837	816	837	9874
-	MEAN	38.4	38.2	41.6	42.9	48.5	55.8	61.9	62.9	57.1	49.5	43.4	39.8	47.8
	S D	7.695	7.411	6.576	6.162	6.022	5.465	5.603	5.436	6.355	6.902	7.269	6.523	11.392
	TOTAL OBS	836	761	836	728	837	819	837	836	819	837	809	837	9777
-	MEAN	38.2	37.1	38.9	42.4	46.9	56.7	62.1	61.4	55.2	47.2	39.1	35.[illegible]	46.9
	S D	8.165	7.961	6.912	6.203	5.976	5.732	5.736	5.272	6.498	7.343	7.447	8.989	11.773
	TOTAL OBS	837	762	837	787	837	819	837	837	816	837	816	837	9847
-11	MEAN	38.1	41.6	45.6	51.1	58.7	67.9	75.[illegible]	73.8	65.9	54.9	44.3	40.6	54.4
	S D	7.484	6.900	6.250	5.676	6.522	6.683	6.381	6.374	7.129	7.15[illegible]	7.222	8.283	14.510
	TOTAL OBS	837	762	837	816	837	816	837	837	816	837	816	837	9861
-14	MEAN	46.4	48.7	54.[illegible]	57.9	65.1	75.3	83.6	83.1	75.7	63.6	54.1	47.3	63.1
	S D	5.775	5.415	6.257	6.182	7.724	7.83[illegible]	7.48[illegible]	6.910	7.643	7.431	6.448	6.171	14.714
	TOTAL OBS	837	762	837	816	836	816	837	836	816	837	809	837	9861
-17	MEAN	50.2	52.4	57.3	60.6	67.8	78.3	87.9	87.6	79.9	66.7	57.5	51.1	66.7
	S D	6.[illegible]	6.670	7.018	7.676	8.472	8.532	7.775	7.327	8.237	8.254	6.716	5.953	15.274
	TOTAL OBS	837	762	837	816	837	816	837	837	816	837	809	837	9861
-20	MEAN	44.6	48.3	53.7	57.8	65.5	75.9	85.9	85.2	75.5	61.2	50.2	45.5	62.9
	S D	5.969	6.309	7.417	7.174	8.405	6.757	7.975	7.557	8.995	8.147	6.748	6.332	16.231
	TOTAL OBS	837	762	837	816	837	816	837	837	816	837	816	837	9861
-23	MEAN	41.6	42.8	46.9	51.6	57.6	66.4	74.7	73.9	65.9	54.7	45.0	42.2	55.1
	S D	6.254	6.232	6.234	5.836	6.723	6.965	6.793	6.318	7.147	6.721	6.372	7.134	13.683
	TOTAL OBS	837	762	837	816	836	816	837	837	816	837	809	837	9859
ALL HOURS	MEAN	41.2	43.5	47.6	51.4	58.0	67.1	74.8	74.5	67.0	56.1	46.6	43.1	56.1
	S D	8.489	8.423	9.125	9.[illegible]06	10.062	10.933	11.656	11.352	11.299	9.854	9.258	8.691	15.448
	TOTAL OBS	6674	6195	6695	6332	6693	6478	6696	6694	6477	6696	6476	6696	78722

USAF ETAC FORM OCT 79 0-89-5 (OL A)

2

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

JET-SUB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

FORT JOHNSON AB SP 73-81

STATION NAME YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
-1	MEAN	[illegible]	37.7	[illegible]	42.4	47.8	54.3	56.1	56.4	[illegible]	47.5	[illegible]	[illegible]	[illegible]
	S D	7.112	6.934	5.674	5.591	5.12[illegible]	4.617	4.309	4.644	[illegible]	[illegible]	[illegible]	7.255	[illegible]
	TOTAL OBS	[illegible]	762	837	757	836	81[illegible]	837	837	[illegible]	834	81[illegible]	[illegible]	[illegible]
-5	MEAN	[illegible]	36.2	[illegible]	39.8	45.2	51.7	53.7	54.2	[illegible]	45.7	[illegible]	36.6	[illegible]
	S D	[illegible]	7.391	6.371	5.829	5.378	4.814	4.546	4.846	[illegible]	[illegible]	6.916	8.454	[illegible]
	TOTAL OBS	[illegible]	761	836	728	837	809	837	836	[illegible]	834	806	837	[illegible]
-[illegible]	MEAN	33.7	35.3	36.9	39.6	45.6	52.4	54.2	53.7	50.0	44.4	36.9	36.2	[illegible]
	S D	7.935	7.851	6.694	[illegible]	5.351	4.831	4.456	4.657	[illegible]	7.124	[illegible]	8.8[illegible]	9.897
	TOTAL OBS	[illegible]	762	837	747	837	809	837	837	[illegible]	834	[illegible]	837	[illegible]
-1	MEAN	36.[illegible]	36.2	41.8	4[illegible].2	51.4	57.9	60.5	60.5	56.4	49.5	41.[illegible]	38.4	[illegible]
	S D	7.2[illegible]3	6.8[illegible]8	5.792	5.216	4.754	4.453	3.843	3.906	5.431	6.137	6.536	8.[illegible]46	10.[illegible]
	TOTAL OBS	[illegible]	762	837	[illegible]	837	81[illegible]	837	837	81[illegible]	833	810	837	[illegible]
[illegible]	MEAN	41.[illegible]	43.3	46.3	48.7	55.9	6[illegible]	62.7	63.2	6[illegible].2	53.9	47.1	43.7	[illegible]
	S D	[illegible]174	5.196	[illegible].385	4.984	4.749	4.273	3.641	3.093	4.943	5.413	5.347	5.84[illegible]	[illegible]
	TOTAL OBS	[illegible]	762	837	81[illegible]	[illegible]	81[illegible]	837	836	810	837	809	[illegible]	[illegible]
-7	MEAN	43.[illegible]	45.[illegible]	47.6	49.6	54.7	6[illegible].6	63.[illegible]	63.3	6[illegible].6	54.6	4[illegible].7	45.3	[illegible]
	S D	4.811	4.964	5.330	4.612	4.646	4.[illegible]17	3.227	3.35[illegible]	4.685	5.335	5.149	5.472	[illegible]
	TOTAL OBS	[illegible]	762	837	81[illegible]	837	810	837	837	81[illegible]	834	809	837	[illegible]
-[illegible]	MEAN	4[illegible].7	42.9	46.[illegible]	48.5	53.6	59.7	62.1	62.3	56.0	52.3	44.7	41.9	[illegible]
	S D	5.497	5.527	5.594	5.1[illegible]8	4.725	4.137	3.2[illegible]4	3.402	4.953	5.693	5.756	6.49[illegible]	[illegible]
	TOTAL OBS	[illegible]	762	837	81[illegible]	837	81[illegible]	837	837	81[illegible]	834	810	837	[illegible]
-23	MEAN	37.5	39.6	42.3	45.0	50.2	56.7	58.4	58.1	54.5	49.0	41.3	39.5	47.7
	S D	6.28[illegible]	6.237	5.513	5.296	4.786	4.382	3.921	4.077	5.345	5.958	6.[illegible]10	7.247	9.294
	TOTAL OBS	[illegible]	762	837	81[illegible]	836	81[illegible]	837	837	810	833	809	837	[illegible]
ALL HOURS	MEAN	36.0	39.6	42.4	44.9	50.3	56.7	58.8	58.9	55.5	49.6	42.2	40.0	48.2
	S D	7.354	7.245	6.895	6.517	6.068	5.532	5.295	5.501	6.669	7.063	7.367	7.984	10.073
	TOTAL OBS	6692	6[illegible]95	6695	6332	6693	6478	6696	6694	6477	6673	6472	6695	78693

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2 TORPEJON AB SP 73-81

STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	33.3	34.4	36.3	37.6	43.4	49.1	46.6	46.0	45.6	43.2	38.2	35.2	41.7
0-02	S D	8.157	8.345	7.388	7.354	6.221	6.318	7.011	7.737	8.558	7.963	7.939	9.244	9.452
	TOTAL OBS	830	762	837	757	836	810	837	337	808	834	810	837	9801
	MEAN	32.0	33.3	34.9	35.8	41.9	46.1	46.6	46.7	45.1	42.1	34.8	34.	39.7
03-05	S D	8.465	8.684	7.586	7.094	6.163	6.046	6.503	7.326	8.143	8.050	8.039	9.791	9.658
	TOTAL OBS	830	761	836	728	837	809	837	836	809	834	806	837	9766
	MEAN	31.1	32.6	34.	35.9	42.4	46.7	47.6	47.	45.1	41.2	35.8	33.4	39.4
06-08	S D	8.850	9.042	7.743	7.278	6.028	5.884	5.942	6.729	7.836	8.191	8.911	8.054	9.981
	TOTAL OBS	830	762	837	797	837	809	837	837	810	334	809	837	9842
	MEAN	33.	34.7	37.1	38.6	45.0	50.4	50.1	51.0	49.0	44.5	37.0	35.3	42.3
09-11	S D	8.126	8.214	7.521	7.444	5.827	6.076	5.574	5.721	7.228	7.569	7.912	9.246	9.809
	TOTAL OBS	830	762	837	810	837	810	837	837	810	333	810	837	9858
	MEAN	30.1	36.8	38.0	39.2	44.3	46.9	48.0	49.7	46.8	45.5	37.7	38.3	42.8
12-14	S D	8.981	7.869	8.006	7.516	6.102	6.157	6.020	6.274	7.576	7.615	7.608	8.146	8.773
	TOTAL OBS	837	762	837	812	836	811	837	836	810	337	809	836	9857
	MEAN	30.8	36.6	37.3	38.6	43.5	47.5	45.2	46.4	46.1	44.5	39.7	35.8	42.3
15-17	S D	7.111	8.193	7.967	7.476	6.200	6.569	5.683	6.192	7.067	7.976	7.732	8.156	8.372
	TOTAL OBS	837	762	837	810	837	810	837	837	810	834	809	837	9857
	MEAN	33.3	36.5	37.6	38.8	43.3	47.5	44.8	45.3	45.0	44.3	38.6	37.0	41.3
18-20	S D	7.124	8.064	7.878	7.912	6.363	7.158	6.136	6.777	7.839	8.186	7.620	8.466	8.457
	TOTAL OBS	837	762	837	810	837	811	837	837	810	834	810	837	9858
	MEAN	34.1	35.4	37.0	38.7	43.9	49.0	45.6	45.4	44.7	43.5	38.8	38.2	41.8
21-23	S D	7.546	7.937	7.533	7.6 7	6.442	6.862	6.982	7.680	8.160	8.074	7.605	8.885	8.991
	TOTAL OBS	837	762	837	810	836	810	837	837	810	833	809	837	9859
	MEAN	34.0	35.0	36.5	38.	43.5	48.7	46.8	47.3	46.2	43.6	37.1	36.1	41.1
ALL HOURS	S D	8.036	8.427	7.812	7.570	6.238	6.455	6.456	7.095	8.042	8.046	8.074	9.2 9	9.261
	TOTAL OBS	6692	6 95	6695	6332	6693	6478	6696	6694	6477	6673	6472	6695	78691

USAF ETAC FORM OCT 75 0-89-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION　　STATION NAME　　PERIOD　　MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.8	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

RELATIVE HUMIDITY

STATION · STATION NAME · PERIOD · MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		10%	20	30%	40%	50%	60%	70%	80	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAPETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

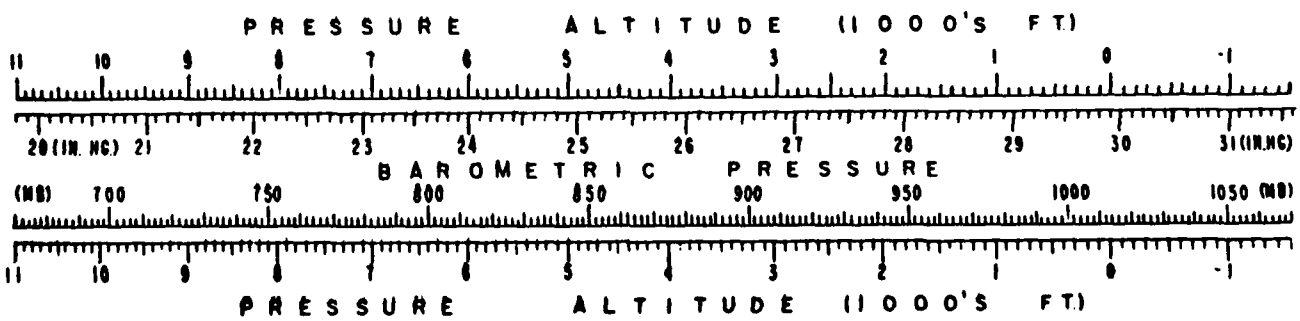
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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NATIONAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

[illegible] ABILENE AB TX — 73-81

STATION — STATION NAME — YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	28.03	27.95	27.93	27.86	27.89	27.95	27.96	27.95	27.99	27.96	28.[illegible]	27.99	27.95
	S.D.	.23[illegible]	.234	.201	.153	.125	.100	.094	.082	.107	.174	.176	.2[illegible]	.179
	TOTAL OBS	27[illegible]	254	279	27[illegible]	278	270	279	279	27[illegible]	279	270	27[illegible]	3285
	MEAN	28.02	27.95	27.93	27.86	27.88	27.94	27.96	27.95	27.995	7.96	28.071	7.994	27.963
	S.D.	.230	.235	.202	.175	.131	.102	.094	.082	.114	.177	.179	.264	.181
	TOTAL OBS	27[illegible]	254	279	242	27[illegible]	27[illegible]	279	279	27[illegible]	279	270	279	3284
	MEAN	28.15	27.93	27.91	27.86	27.88	27.95	27.97	27.96	27.995	27.955	28.064	27.975	27.959
	S.D.	.234	.240	.213	.150	.133	.113	.098	.083	.110	.180	.180	.266	.184
	TOTAL OBS	27[illegible]	254	279	256	279	27[illegible]	279	279	27[illegible]	279	270	279	3274
	MEAN	28.03	27.95	27.94	27.89	27.90	27.97	27.99	27.98	28.21	27.95	28.08	27.99	27.981
	S.D.	.230	.246	.205	.177	.134	.103	.097	.084	.116	.183	.183	.264	.185
	TOTAL OBS	27[illegible]	254	279	27[illegible]	279	270	279	279	27[illegible]	279	270	27[illegible]	3297
	MEAN	28.05	27.96	27.94	27.85	27.90	27.95	27.97	27.97	28.19	27.98	28.09	28.01	27.981
	S.D.	.233	.245	.204	.157	.13[illegible]	.103	.094	.082	.112	.179	.183	.267	.184
	TOTAL OBS	27[illegible]	254	279	270	279	273	279	276	27[illegible]	279	270	279	3286
	MEAN	28.00	27.92	27.90	27.85	27.87	27.92	27.93	27.93	27.97	27.93	28.03	27.[illegible]	27.937
	S.D.	.220	.238	.2[illegible]3	.152	.126	.097	.092	.079	.105	.173	.179	.2[illegible]1	.174
	TOTAL OBS	27[illegible]	254	279	270	279	273	279	279	27[illegible]	279	270	27[illegible]	3287
	MEAN	27.98	27.91	27.88	27.83	27.84	27.89	27.90	27.9[illegible]	27.94	27.92	28.[illegible]4	27.962	27.923
	S.D.	.22[illegible]	.232	.197	.149	.122	.098	.091	.078	.103	.169	.178	.258	.177
	TOTAL OBS	27[illegible]	254	279	270	279	273	279	279	270	279	270	279	3287
	MEAN	28.02	27.94	27.91	27.86	27.86	27.91	27.92	27.92	27.97	27.95	28.06	27.98	27.947
	S.D.	.22[illegible]	.230	.195	.150	.121	.096	.090	.080	.1[illegible]5	.169	.179	.255	.177
	TOTAL OBS	27[illegible]	254	279	270	279	273	279	279	270	279	270	279	3287
ALL HOURS	MEAN	28.02	27.94	27.92	27.86	27.88	27.93	27.95	27.95	27.99	27.95	28.06	27.983	27.957
	S.D.	.22[illegible]	.238	.2[illegible]2	.155	.129	.102	.097	.085	.112	.176	.180	.263	.182
	TOTAL OBS	2234	2032	2232	2124	2231	2160	2232	2234	2160	2232	2160	2231	26253

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